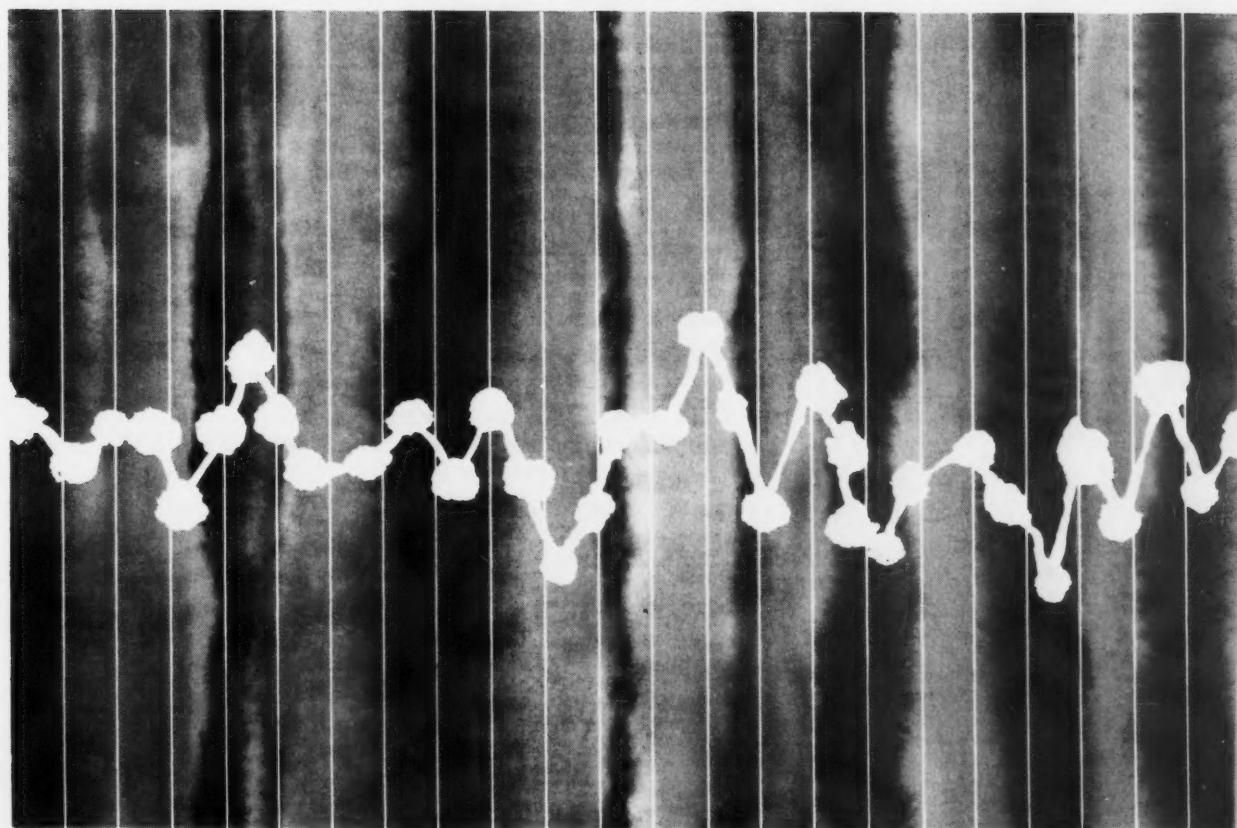


defense indicators

JUNE 1976



U.S. DEPARTMENT OF COMMERCE • BUREAU OF ECONOMIC ANALYSIS



This report was prepared in the Statistical Indicators Division, Bureau of Economic Analysis. Technical staff and their responsibilities for the publication are—

Barry A. Beckman—Technical supervision and review,

Morton Somer—Selection of seasonal adjustment methods,

Betty F. Tunstall—Collection and compilation of basic data.

The cooperation of various government agencies which provide data is gratefully acknowledged.

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The Secretary of Commerce has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this Department. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through September 1, 1977.

U. S. DEPARTMENT OF COMMERCE

Elliot L. Richardson, Secretary

BUREAU OF ECONOMIC ANALYSIS

George Jaszi, Director

Morris R. Goldman, Deputy Director

Beatrice N. Vaccara, Associate Director for
National Analysis and Projections

Feliks Tamm, Editor

This publication is prepared under the general guidance of an interagency committee established by the Office of Management and Budget. This committee consists of the following persons:

David T. Hulett, Chairman
Office of Management and Budget

James D. August, Board of Governors of the Federal Reserve System

Murray F. Foss, Council of Economic Advisers, Executive Office of the President

Rose Glubin, Office of Assistant Secretary of Defense (Comptroller), Department of Defense

Dale W. Gordon, Bureau of the Census, Department of Commerce

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defense indicators

June 1976
Series ES4 No. 76-6

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6 BEA PROJECTS

**for economic
analysis**

BUSINESS CONDITIONS DIGEST A monthly report for analyzing economic fluctuations over a short span of years.

This report brings together approximately 600 economic time series in a form convenient for analysts whether their approach to the study of current business conditions and prospects is the national income model, the leading indicators, anticipations and intentions, or a combination of these. Other types of data such as foreign trade, Federal Government activities, and international series are included to facilitate a more complete analysis.

Data are presented in charts and tables. Appendixes provide historical data, series descriptions, seasonal adjustment factors, and measures of variability. A computer tape containing data for most of the series is available for purchase.

DEFENSE INDICATORS A monthly report for analyzing the current and prospective impact of defense activity on the national economy.

This report brings together the principal time series on defense activities which influence short-term changes in the national economy. These include series on obligations, contracts, orders, shipments, inventories, expenditures, employment, and earnings. The approximately 60 time series included are grouped in accordance with the time at which the activities they measure occur in the defense order-production-delivery process. Charts and analytical tables facilitate interpretation.

LONG TERM ECONOMIC GROWTH A report for the study of economic trends over a long span of years, 1860-1970.

This report has been developed from available statistics to provide a comprehensive, long-range view of the U.S. economy. It is a basic research document for economists, historians, investors, teachers, and students. It brings together under one cover, in meaningful and convenient form, the complete statistical basis for a study of long-term economic trends. A computer tape file of the time series included in the report is available for purchase.

COMPUTER PROGRAMS FOR TIME SERIES ANALYSIS The source statements for FORTRAN IV programs used by B E A in its analysis of time series are available on a single computer tape.

SEASONAL ADJUSTMENT PROGRAMS.—Two variants of the Census computer program for measuring and analyzing seasonal, trading-day, cyclical, and irregular fluctuations. They are particularly useful in analyzing economic fluctuations which take place within a year. The X-11 variant is used for adjusting monthly data and the X-11Q for quarterly data. These programs make additive as well as multiplicative adjustments and compute many summary and analytical measures.

DIFFUSION INDEX PROGRAM.—A computer program for computing diffusion indexes, cumulated diffusion indexes, and summary measures of the properties of each index.

SURVEY OF CURRENT BUSINESS A monthly report for analyzing current economic developments.

This report provides a useful combination of current data for more than 2,500 statistical series and significant articles analyzing economic developments. These data and analyses include such areas as the national income and product accounts, the balance of payments accounts, plant and equipment expenditures, regional personal income, and the input-output accounts.

BUSINESS STATISTICS A biennial reference volume containing statistical series reported currently in the *Survey of Current Business*.

This report provides historical data back to 1947 for nearly 2,500 time series. The series are accompanied by concise descriptions as to their composition, methods of compilation, comparability, revisions, and availability. Also listed are the names and addresses of organizations which provide the basic data for the series.

Introduction

The purpose of this monthly report is to bring together the principal time series on defense activity which influence short-term changes in the national economy. These include series on obligations, contracts, orders, shipments, inventories, expenditures, employment, and earnings. Most are monthly but a few quarterly series are included. The series numbers used are for identification purposes only and do not reflect relationships or order.

Classification of Series

Chart 1 compares Government purchases of goods and services for national defense with total gross national product. GNP is the market value of the final output of goods and services produced by the Nation's economy and represents a very broad measure of aggregate economic activity. In addition to national defense purchases, it includes Federal Government purchases of goods and services for nondefense purposes, State and local government purchases, personal consumption expenditures, gross private domestic investment, and net exports of goods and services. Chart 1 also presents national defense purchases as a percent of gross national product and, for both series, changes from the previous quarter.

A related group of series is shown in Chart 4, "Defense Related Balance of Payments Components." These series show the effects of defense-related economic activity on the balance of payments accounts.

The remaining series are grouped in accordance with the time at which the activities they measure occur within the defense order-production-delivery process. Those series measuring activities that usually precede production, such as new orders placed with defense products industries and contract awards, are presented in Chart 2, "Advance Indicators of Defense Activity." Chart 3, "Intermediate and Final Indicators of Defense Activity," presents series that measure activities which tend to move at the same time as production (such as employment) and activities which usually follow production (such as shipments).

Series Included

Following is a list of the series as they appear in charts 1, 2, 3, and 4 (the source agencies are abbreviated in parentheses; detailed lists of sources for charts 1, 2, and 3 appeared as appendices to the August and October 1968 issues of this report).

Gross National Product and National Defense Purchases

- Gross national product (BEA)
- Federal Government purchases of goods and services, national defense (BEA)
- National defense purchases as a percent of gross national product (BEA)
- Gross national product, changes from previous quarter (BEA)
- National defense purchases, changes from previous quarter (BEA)

Advance Indicators of Defense Activity

- Defense Department gross obligations incurred, total (DOD)
- Defense Department gross obligations incurred, procurement (DOD)
- Gross obligations incurred outside the Government for national defense (Treasury)

- Defense Department military prime contract awards for work performed in the United States (DOD)
- Defense Department gross unpaid obligations outstanding (DOD)
- Manufacturers' new orders (Census):
 - Defense products industries
 - Defense products
- Manufacturers' new orders from the U.S. Government, aerospace industries (Census):
- Average weekly overtime hours, production workers, defense products industries (BLS)
- Accession rate, defense products industries (BLS)
- Layoff rate, defense products industries (BLS)

Intermediate and Final Indicators of Defense Activity

- Output of defense and space equipment (FRB)
- Manufacturers' inventories (Census):
 - Defense products industries
 - Defense products
- Manufacturers' unfilled orders (Census):
 - Defense products industries
 - Defense products
- Manufacturers' unfilled orders from the U.S. Government, aerospace industries (Census)
- Defense Department progress payments outstanding (DOD)
- Employment in defense products industries, total (BLS)
- Employment in defense products industries, production workers (BLS)
- Index of aggregate weekly hours, defense products industries (BLS)
- Index of aggregate weekly payrolls, production workers, defense products industries (BLS)
- Defense Department personnel, military, active duty (DOD)
- Defense Department personnel, civilian, direct hire employment (DOD)
- Defense Department net outlays, total, military functions and military assistance (DOD)
- Defense Department net outlays, procurement (DOD)
- Budget outlays for the national defense function (Treasury)
- Defense Department personnel compensation (DOD)
- Manufacturers' shipments (Census):
 - Defense products industries
 - Defense products
- Manufacturers' shipments to the U.S. Government, aerospace industries (Census)
- Ratio, manufacturers' unfilled orders to shipments (Census):
 - Defense products industries
 - Defense products
- Ratio, manufacturers' inventories to shipments (Census):
 - Defense products industries
 - Defense products

Defense-Related Balance of Payments Components

- Transfers under U.S. military agency sales contracts—exports (BEA)
- Direct defense expenditures—imports (BEA)
- U.S. Government cash receipts associated with military sales contracts (BEA)

Some additional data are included in the tables though not presented in the charts. These include Defense Department military prime contract awards by procurement category (e.g., for aircraft, missiles and space systems, ships, weapons, and munitions), the operations component of Defense Department

gross obligations incurred, gross unpaid obligations outstanding, and net outlays and the procurement component of gross unpaid obligations outstanding.

Description of Basic Data

The Department of Defense compiles statistics on obligations, contract awards, personnel compensation, and outlays. The DOD obligations and outlays data are based on the Defense Department's monthly *Status of Funds* report which is developed from accounting data and is designed to provide information on the total status of Defense Department financing. Accounts included in this report are aggregated by appropriation categories including personnel costs, operations and maintenance, procurement, research and development, and construction. The *Status of Funds* report duplicates some obligations. That is, obligations of one government unit to another unit are not netted out.

The Defense Department's *Contract Awards* report covers the awarding of procurement contracts. These include obligations for operating and maintenance supplies, equipment and services, research and development, and construction in addition to the obligations for items that constitute the fiscal "procurement" category. The statistics are aggregated by commodity categories including aircraft, missile and space systems, ships, weapons, ammunition, electronics and communication equipment, fuels, and textiles and clothing. The *Contract Awards* report includes procurement for NASA, other nondefense agencies, and the Foreign Military Sales Program which are not included in the *Status of Funds* report.

The Census quarterly new orders, unfilled orders and shipments series for "aerospace industries" are based on reports of companies classified into the following industry categories:

Industry	SIC Code
Aircraft and parts	372
Guided missiles and space vehicles, completely assembled ..	1925

The Census and BLS data for "defense products industries" presented in this report cover companies and establishments¹ classified into the following industry categories in accordance with the *Standard Industrial Classification Manual*, 1967 edition, Executive Office of the President, Bureau of the Budget:

Industry	SIC Code
Ordnance and accessories	19
Communication equipment	366
Aircraft and parts	372

Establishments reporting to the BLS are classified into industries on the basis of their principal product or activity as determined from information on annual sales volume, which is collected each year on a supplement to the monthly report. The entire employment of an establishment making more than one product or engaging in more than one activity is included under the industry accounting for the largest percentage of the annual sales of that establishment.

The Census Bureau's monthly survey is based primarily on reports at the company level and the monthly estimates are benchmarked to the establishment data from the *Annual Survey*

¹ An establishment is a single physical location where business is conducted (e.g., a plant). A company often includes more than one establishment.

of Manufactures. Also, many of the large diversified companies file separate divisional reports monthly. Although the reports in the survey are also classified according to their principal product or activity, this difference in the organizational level from which reports are received results in firms being classified into different industries in the BLS and Census surveys and, consequently, limits somewhat the comparability of the data collected by these agencies. However, as we know from past studies in this area, some differences in industrial classification between BLS and Census data would remain even if reports came from the same organizational levels.

Both the Census and the BLS data include a significant amount of nondefense activities carried on by companies and establishments classified in the above industries. For example, the data cover the production of commercial as well as military aircraft. On the other hand, they exclude significant amounts of defense work carried on by companies and establishments classified in industries other than those listed above (e.g., the manufacture of military uniforms and the shipbuilding industry).²

Census data for "defense products" are based on separate reports on defense work filed by large defense contractors in the ordnance, communications, complete aircraft, aircraft parts, and shipbuilding industries. Thus, they differ from the "defense products industries" data in that they include defense activity in the shipbuilding industry and exclude nondefense work in the other industries covered. Defense products data cover work for the Department of Defense and exclude contracts for the National Aeronautics and Space Administration and the Atomic Energy Commission.

The DOD data are not strictly comparable in coverage with either the BLS or the Census data since the Defense Department figures (1) cover products of industries not included in the defense products category; (2) generally do not include non-defense activities (except that some series, such as contract awards, include activities by the Department of Defense on behalf of nondefense agencies); and (3) do not cover intermediate activities such as those related to subcontracting and supplying of parts. Thus, the Census Bureau data for manufacturers' new orders and shipments of defense products industries, for example, differ in coverage from the DOD contract awards and net outlays series.

The Department of Defense data are not comparable with Federal Government purchases of goods and services for national defense or the Treasury Department obligations and outlays data since the BEA and Treasury data cover defense-related activities of other agencies such as the Atomic Energy Commission, the Selective Service System, and the Office of Emergency Planning.

Projects to improve the comparability of the data collected by the Bureau of the Census, the Bureau of Labor Statistics, and the Department of Defense and to improve the separation of defense and nondefense activity for the Census and BLS data are being undertaken by the statistical agencies under the leadership of the Interagency Committee mentioned earlier in this report.

² See the Bureau of the Census publication *Shipments of Defense-Oriented Industries*, Current Industrial Reports, Series MA-175, for annual estimates of shipments by industry to the Department of Defense, the National Aeronautics and Space Administration, and the Atomic Energy Commission. Included also are industries not covered by the "defense products industries" category.

Variability of Data

Seasonal variations dominate the movements of many time series, and adjustments for average seasonal fluctuations are often necessary to bring out the underlying trends of the series. These seasonal adjustments allow for the effects of repetitive intrayear variations resulting primarily from normal differences in weather conditions and from various institutional arrangements. An additional adjustment is sometimes necessary for series which contain considerable variation resulting from the number of working or trading days in each month. As used in this report, the term "seasonal adjustment" includes trading-day adjustments where they have been made.

Most of the series in this report are shown in seasonally adjusted form. For Defense Department and BLS series, unadjusted data are also shown since they are not readily available elsewhere. Current seasonal adjustment factors are shown in appendix A.

The effect of seasonal adjustment in reducing the month-to-month variation in the data can be seen in appendix B. There, the first two columns show the average month-to-month percent change (without regard to sign) in the data before and after seasonal adjustment. Some series still show very irregular month-to-month movements after adjustment for seasonal variation. The measures in appendix B also indicate the month-to-month variation in the irregular and short-term trend components of the series. For many series, irregular movements tend to dominate 1- or 2-month comparisons, and the underlying short-term trend becomes dominant in comparisons over longer spans. The "months for cyclical dominance" (MCD) measure estimates the span of months required for the short-term trend to dominate the irregular component. Series with an MCD of 4 or more are supplemented with a moving average (with the

number of terms equal to MCD) in the charts. Data for these moving averages are listed in the basic data tables.

Guide to Charts and Tables

Most series are plotted on a standard ratio scale so that equal percent changes cover the same vertical distance. For these series, an increase of 100 percent covers approximately 1 inch. Arithmetic scales are used for series with zero or negative data, series which could approach zero (e.g., average overtime hours and layoff rate), and series expressed in percent.

In general, monthly data are plotted with a solid line and quarterly data are represented by a solid line with quarterly plot points. Quarterly series are also identified with a "Q" after their titles. For series which include a moving average, a dashed line is used for the actual monthly data and a solid line for the moving average. (The moving average values are centered within the span of months they are computed from.) Exceptions to this scheme may be necessary for special situations. Data apply to the whole period except for series designated "EOM" (end of month) or "EOQ" (end of quarter). The number in the box at the right of each series indicates the latest month (Arabic) or quarter (Roman) plotted. Parallel lines across a series indicate a break in continuity (e.g., data not available or change in series definition).

Tables 1, 2, 3, and 4 present current data for the series shown in the charts, including the moving averages. They also include unadjusted data for some series and data for related series which are not plotted. Table A summarizes the most recent data and percent changes for many of the series in the report. Historical data are shown on an intermittent basis in appendix C. (The index indicates the appropriate issue for each series.)

New Features and Changes for This Issue

1. The series on U.S. balance of payments have been revised beginning with first quarter 1973 (series 547) and first quarter 1974 (series 546 and 696). These revisions reflect the source agency's annual updating of these statistics.

Further information concerning these revisions may be obtained from the U.S. Department of Commerce, Bureau of Economic Analysis, Balance of Payments Division.

2. Appendix C contains historical data for series 617, 619, 621, 623, 643, 644, 645, 653, 654, 655, and 670.

The July issue of DEFENSE INDICATORS is scheduled for release on July 29.

Table A. Summary of Recent Data and Current Percent Changes for Principal Defense Indicators

(Preliminary and revised figures are not identified here but the user may consult tables 1, 2, 3, and 4 where such identification is given)

Series title	Unit of measure	Basic data								Percent change				Series number
		Average		3d Q 1975	4th Q 1975	1st Q 1976	Mar. 1976	Apr. 1976	May 1976	Mar. '76 to Apr. '76	Apr. '76 to May '76	3d Q '75 to 4th Q '75	4th Q '75 to 1st Q '76	
		1974	1975											
GROSS NATIONAL PRODUCT AND NATIONAL DEFENSE PURCHASES														
200. Gross national product (BEA)	Ann. rate, bil. dol.	1406.9	1498.9	1528.5	1572.9	1620.4	...	...	...	...	...	2.9	3.0	200
264. Federal Government purchases of goods and services, national defense (BEA)	do	77.4	84.0	84.9	87.4	87.0	...	...	...	...	...	2.9	-0.5	264
613. National defense purchases as a percent of GNP (BEA) ¹	Percent	5.5	5.6	5.6	5.6	5.4	...	...	...	...	...	0.0	-0.2	613
ADVANCE INDICATORS OF DEFENSE ACTIVITY														
Defense Dept. gross obligations incurred (DOD): 617. Total	Ann. rate, bil. dol.	93.9	98.5	103.7	97.5	99.7	106.1	109.6	NA	3.3	NA	-6.0	2.3	617
621. Procurement	do	20.6	20.4	25.7	17.1	21.1	28.2	29.5	NA	4.6	NA	-33.5	23.4	621
623. Gross obligations incurred outside the Federal Government for national defense (Treasury)	do	101.1	104.1	107.2	96.3	NA	NA	NA	NA	NA	NA	-10.2	NA	623
625. Defense Department military prime contract awards for work performed in the U.S. (DOD)	do	41.4	43.3	48.0	35.9	50.8	75.7	43.0	NA	-43.2	NA	-25.2	41.5	625
643. Defense Department gross unpaid obligations outstanding (DOD)	Bil. dol., end of period	40.0	40.9	42.3	40.9	41.9	41.9	43.0	NA	2.6	NA	-3.3	2.4	643
648. Mfrs.' new orders, defense products (Census)	Ann. rate, bil. dol.	22.8	21.2	23.4	18.6	23.2	31.6	25.7	21.8	-18.7	-15.2	-20.5	24.7	648
650. Manufacturers' new orders from the U.S. Government, aerospace industries (Census)	do	19.1	18.3	18.9	22.0	NA	...	...	...	...	...	16.4	NA	650
653. Average weekly overtime hours, production workers, defense products industries (BLS) ¹	Hours	2.8	2.5	2.5	2.5	2.6	2.5	2.0	NA	-0.5	NA	0.0	0.1	653
654. Accessions, defense products industries (BLS) ¹	Number per 100 employees	2.1	1.4	1.3	1.4	1.6	1.7	NA	NA	NA	NA	0.1	0.2	654
655. Layoffs, defense products industries (BLS) ¹	do	0.6	1.2	1.2	0.8	0.8	0.7	NA	NA	NA	NA	-0.4	0.0	655
INTERMEDIATE AND FINAL INDICATORS OF DEFENSE ACTIVITY														
657. Output of defense and space equipment (FRB)	1967=100	82.3	81.8	81.9	79.8	79.1	78.8	78.2	78.9	-0.8	0.9	-2.6	-0.9	657
659. Mfrs.' inventories, defense products (Census)	Bil. dol., end of period	6.5	7.8	7.7	7.8	8.1	8.1	8.2	NA	1.2	NA	1.3	3.8	659
661. Mfrs.' unfilled orders, defense products (Census)	do	24.6	25.4	26.0	25.4	25.6	25.6	25.9	25.8	1.2	-0.4	-2.3	0.8	661
664. Manufacturers' unfilled orders from the U.S. Government, aerospace industries (Census)	do	20.7	21.9	20.8	21.9	NA	...	...	...	...	...	5.3	NA	664
666. Defense Department progress payments outstanding (DOD)	do	9.2	11.3	11.0	11.3	9.8	...	...	...	...	...	2.7	-13.3	666
Employment in defense products industries (BLS): 670. Total	Thousands	1,177	1,118	1,108	1,081	1,078	1,077	1,072	1,070	-0.5	-0.2	-2.4	-0.3	670
671. Production workers	do	618	570	563	542	540	539	538	538	-0.2	0.0	-3.7	-0.4	671
673. Index of aggregate weekly hours, defense products industries (BLS)	1967=100	69.4	66.0	65.6	63.9	63.7	63.6	62.6	NA	-1.6	NA	-2.6	-0.3	673
675. Index of aggregate weekly payrolls, production workers, defense products industries (BLS)	do	98.2	100.5	101.3	99.6	100.9	101.1	98.3	NA	-2.8	NA	-1.7	1.3	675
Defense Department personnel (DOD)														
677. Military, active duty	Thousands, end of period	2,140	2,084	2,105	2,084	2,090	2,090	2,087	2,081	-0.1	-0.3	-1.0	0.3	677
678. Civilian, direct hire employment	do	1,043	1,028	1,030	1,028	1,016	1,016	1,011	NA	-0.5	NA	-0.2	-1.2	678
Defense Department net outlays (DOD): 680. Total, military functions and military assistance	Ann. rate, bil. dol.	83.6	88.5	95.0	91.9	83.9	88.0	92.4	86.3	5.0	-6.6	-3.3	-8.7	680
682. Procurement	do	15.5	16.2	16.5	16.3	15.0	13.0	22.6	13.1	73.8	-42.0	-1.2	-8.0	682
683. Budget outlays for the national defense function (Treasury)	do	84.8	92.5	98.0	95.9	82.0	90.0	93.4	88.0	3.8	-5.8	-2.1	-14.5	683
685. Defense Dept. personnel compensation (DOD)	do	33.5	34.6	35.3	35.4	34.2	34.0	34.1	NA	0.3	NA	0.3	-3.4	685
688. Mfrs.' shipments, defense products (Census)	do	18.9	20.4	19.9	21.1	22.5	22.6	22.3	22.0	-1.3	-1.3	6.0	6.6	688
689. Manufacturers' shipments to the U.S. Government, aerospace industries (Census)	do	15.2	17.2	19.3	17.3	NA	...	...	...	...	...	-10.4	NA	689
691. Ratio, manufacturers' unfilled orders to shipments, defense products (Census)	Ratio	14.5	14.9	15.5	14.6	13.4	13.6	13.9	14.1	2.2	1.4	-5.8	-8.2	691
693. Ratio, manufacturers' inventories to shipments, defense products (Census)	do	3.9	4.3	4.6	4.4	4.2	4.3	4.4	NA	2.3	NA	-4.3	-4.5	693
DEFENSE-RELATED BALANCE OF PAYMENTS COMPONENTS														
546. Transfers under U.S. military agency sales contracts—exports (BEA) ¹	Ann. rate, mil. dol.	2,952	3,897	3,912	4,788	4,632	...	...	...	...	...	876	-156	546
547. Direct defense expenditures—imports (BEA) ¹	do	5,035	4,780	4,372	4,740	4,648	...	...	...	...	...	368	-92	547
696. U.S. Government cash receipts associated with military sales contracts (BEA) ¹	do	2,942	4,591	4,540	5,260	9,176	...	...	...	...	...	720	3,916	696

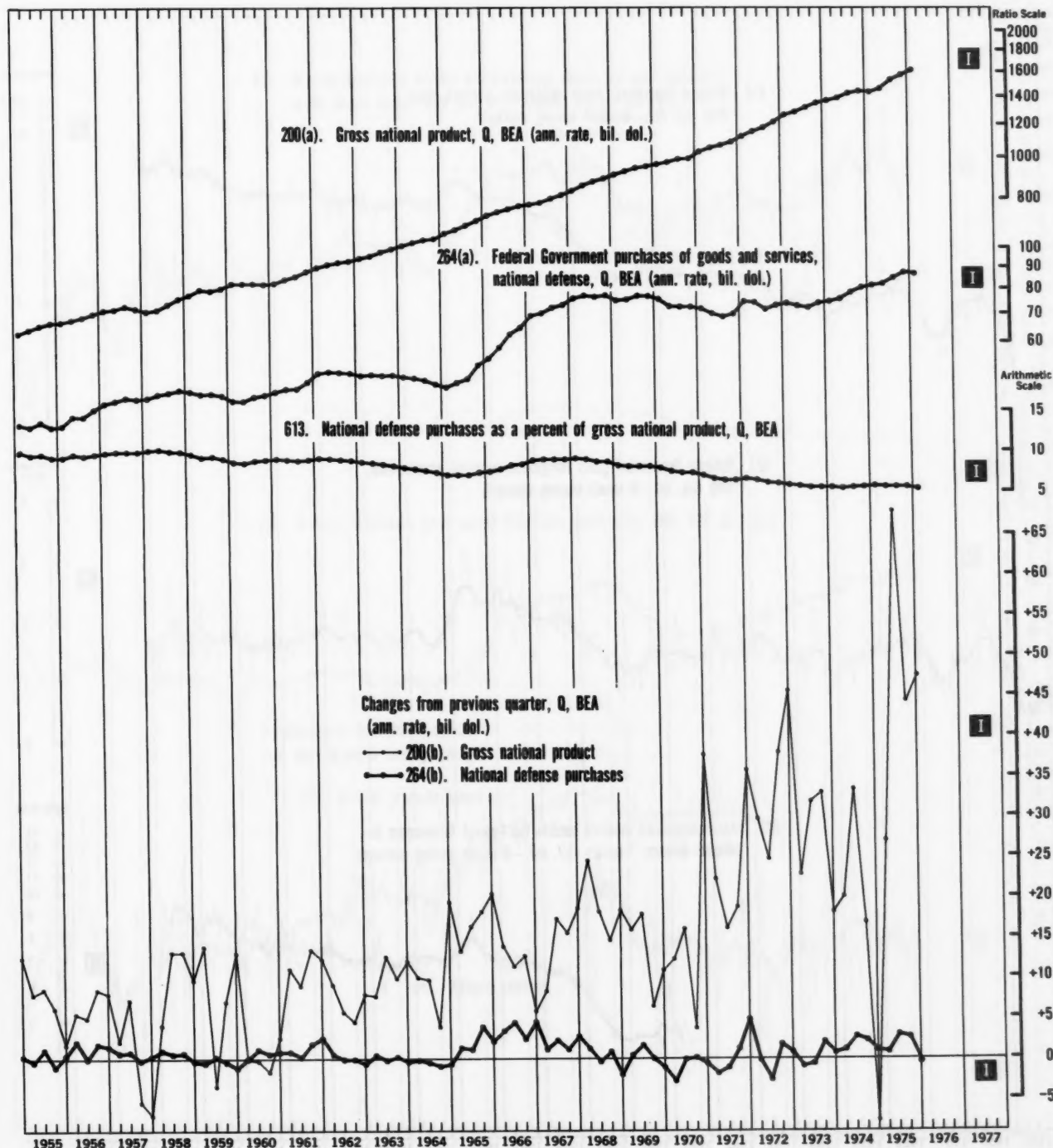
NOTE: This table is presented as a convenient summary of the current data for many of the indicators in this report. In many cases, data shown here are rounded to fewer digits or are in different units than those shown in tables 1, 2, 3, and 4. Where available, annual figures are those published by the source agencies; otherwise they (and the quarterly figures for monthly series) are averages or totals of the data as shown in the data tables. Series are seasonally adjusted except for those indicated by ¹, which appear to contain no seasonal movement.

NA = not available. ¹Differences rather than percent changes are shown for this series.

CHART

1

Gross National Product and National Defense Purchases

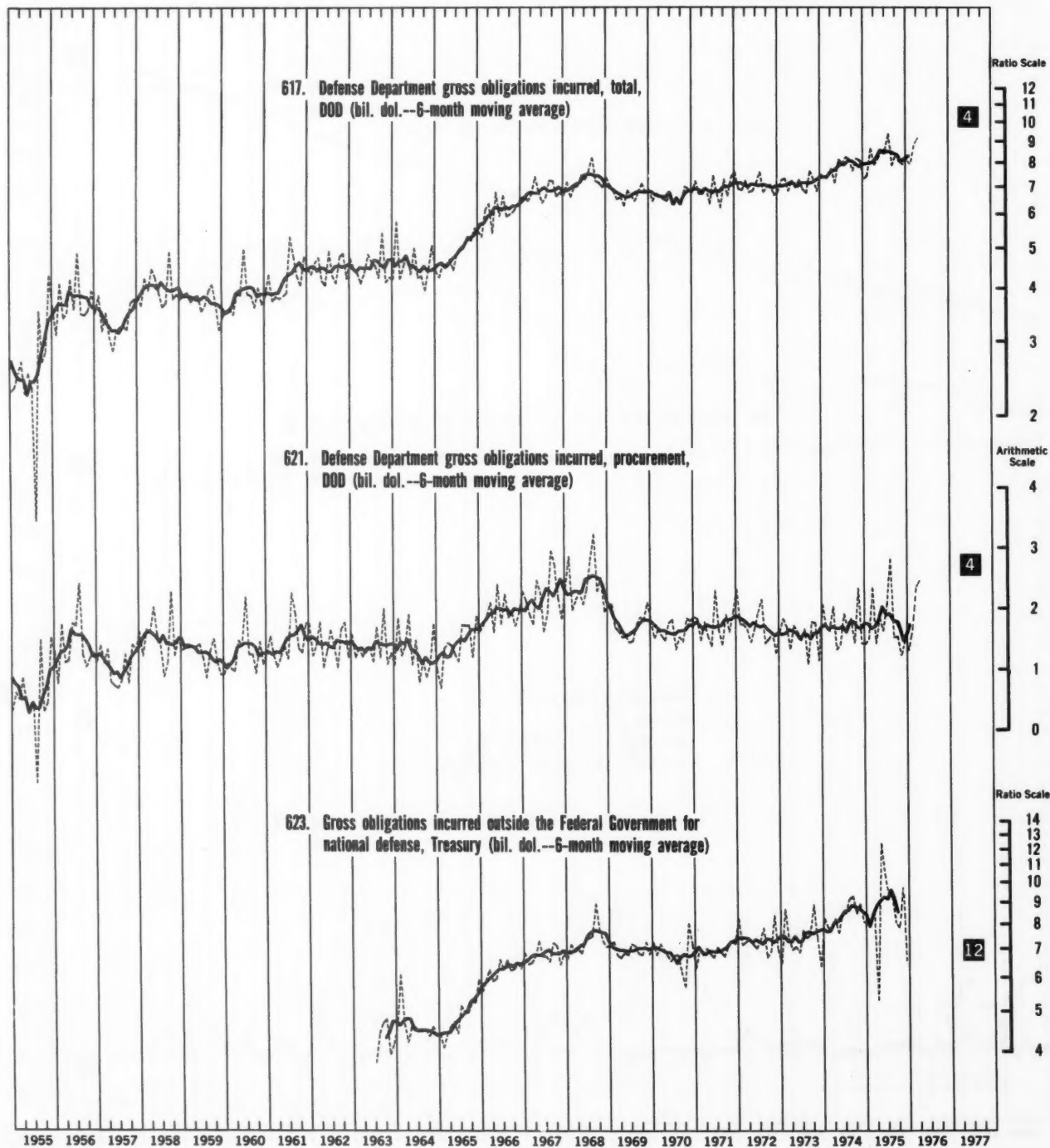


Current data for these series are shown on page 14.

CHART

2

Advance Indicators of Defense Activity

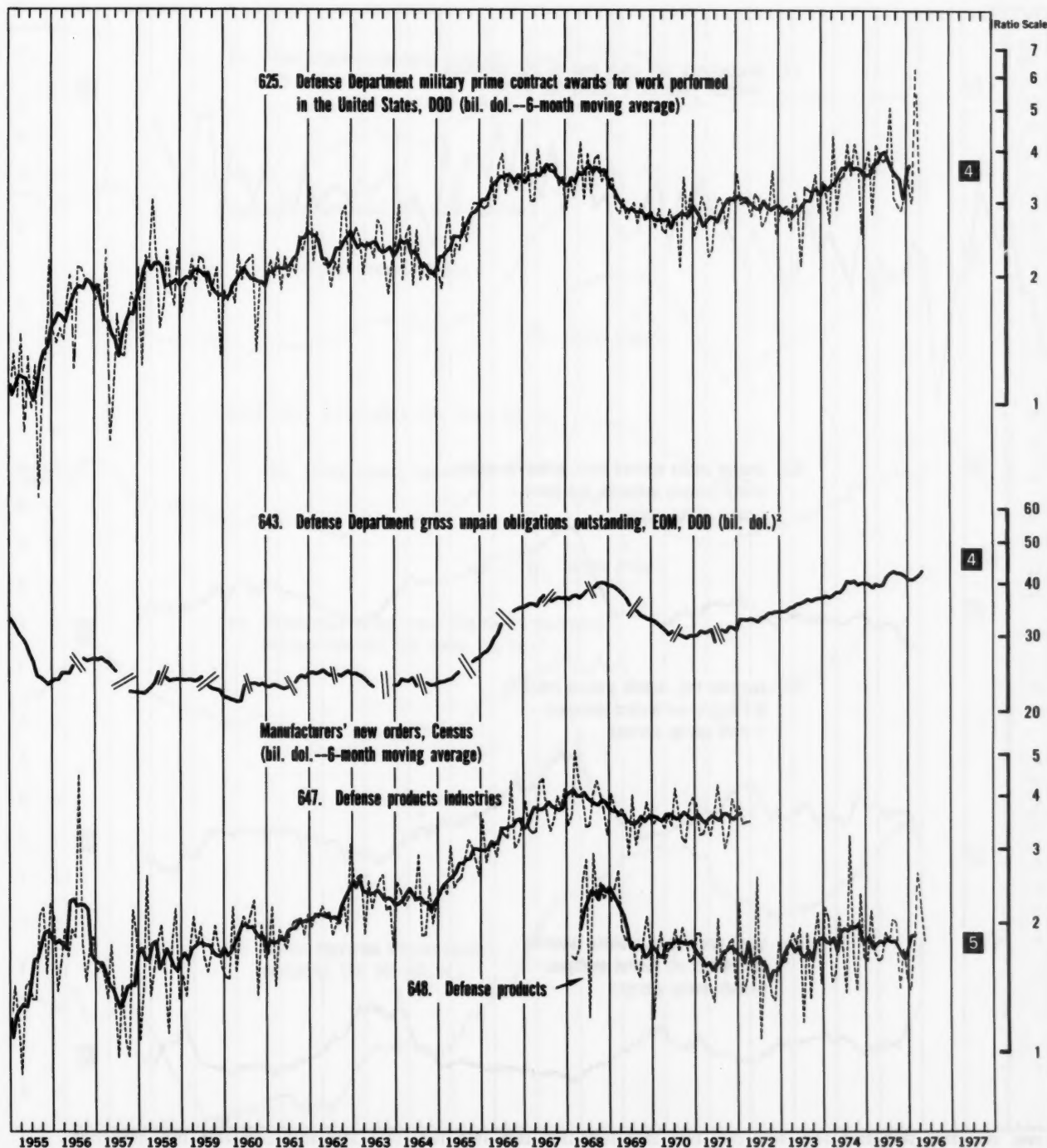


Current data for these series are shown on pages 15 and 16.

CHART

2

Advance Indicators of Defense Activity--Continued



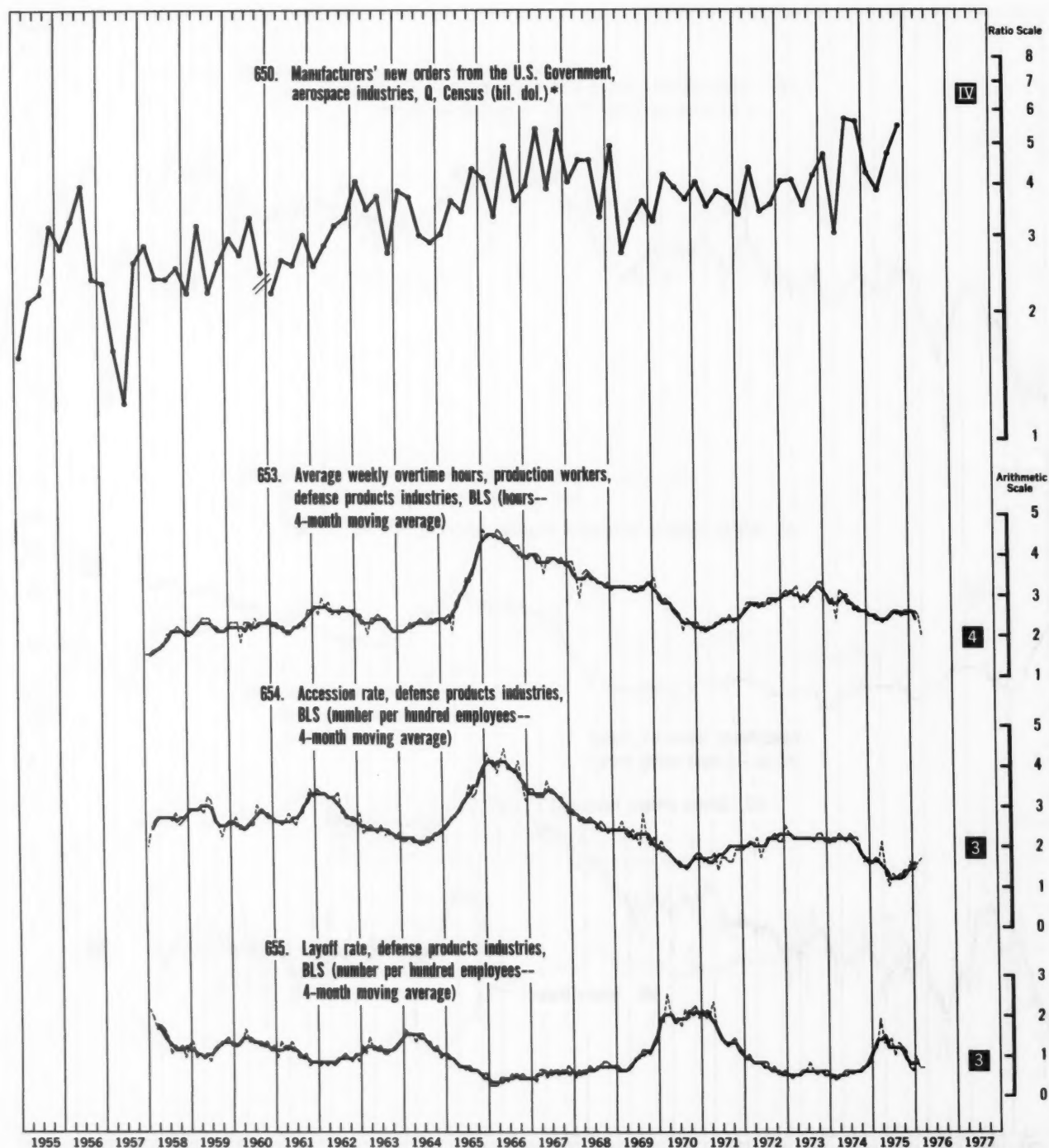
¹ Data prior to July 1955 exclude orders written to other Government agencies.

² Data for the following months not available: July of 1956-71; August of 1956-57 and 1963-66; September of 1957, 1963, and 1965; and October and November of 1963. Current data for these series are shown on pages 16 and 20.

CHART

2

Advance Indicators of Defense Activity--Continued

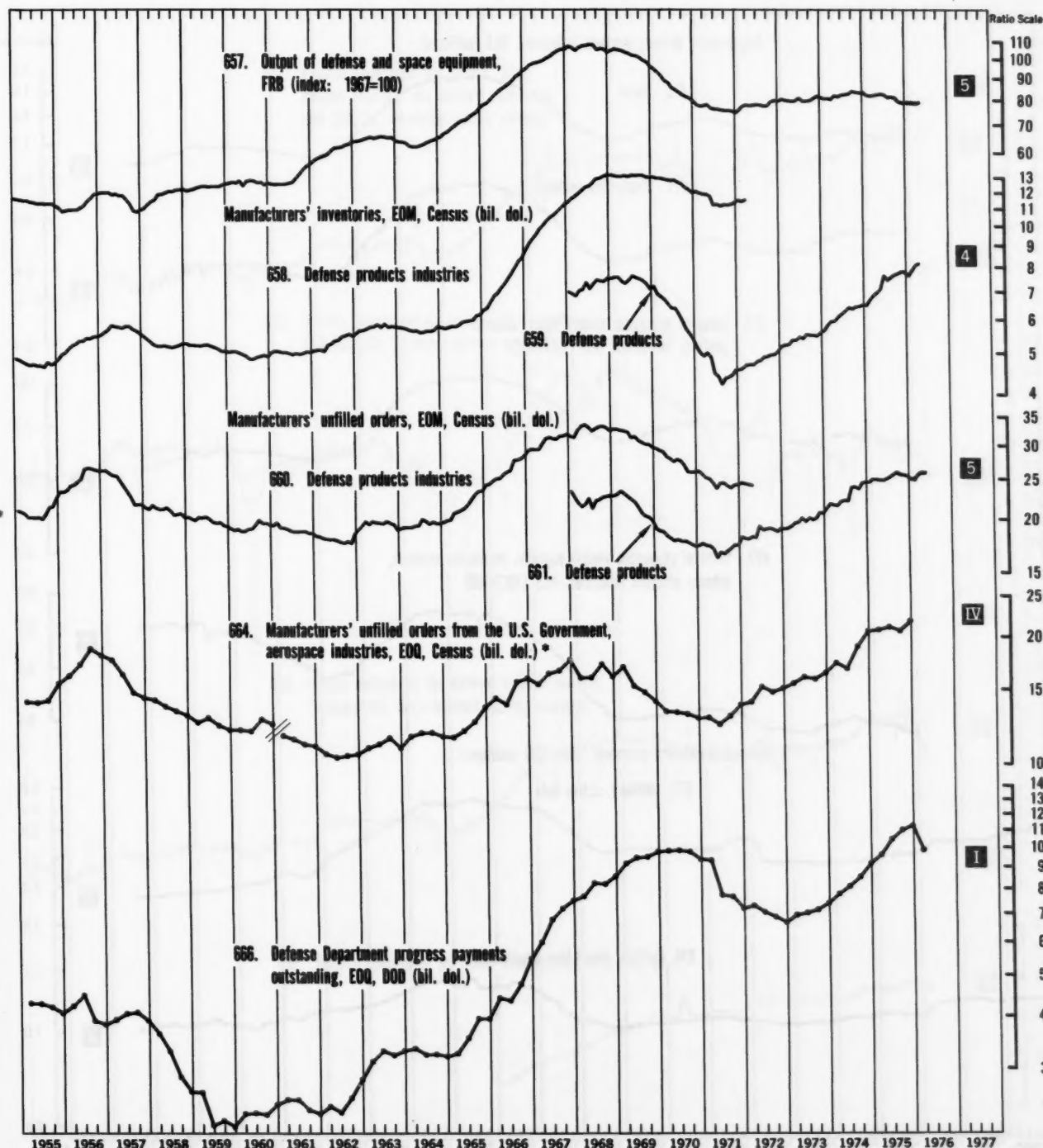


*Data prior to 1961 include orders from non-Government customers.
Current data for these series are shown on pages 20 and 21.

CHART

3

Intermediate and Final Indicators of Defense Activity

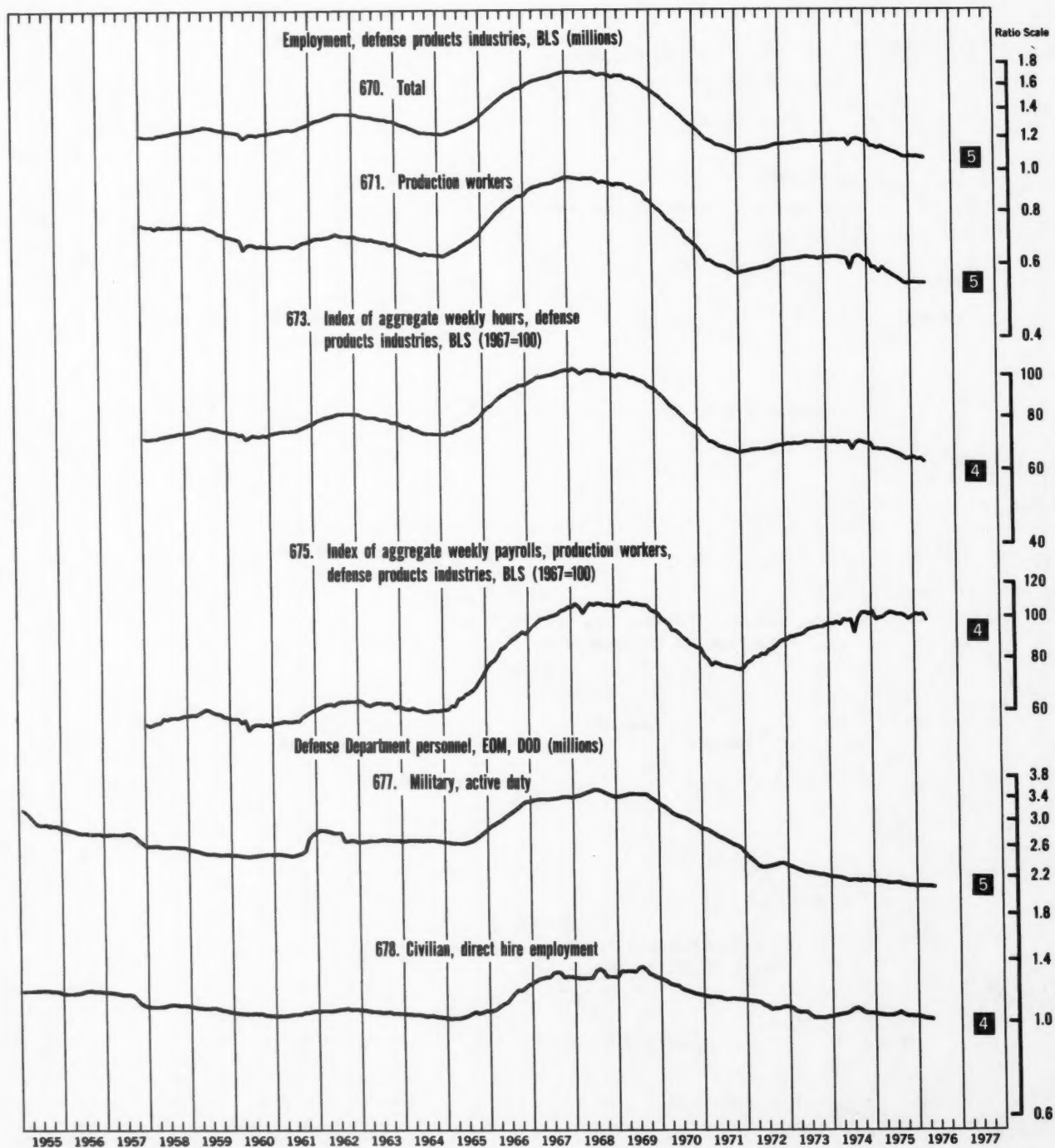


* Data prior to 1961 include orders from non-Government customers.
Current data for these series are shown on page 22.

CHART

3

Intermediate and Final Indicators of Defense Activity--Continued

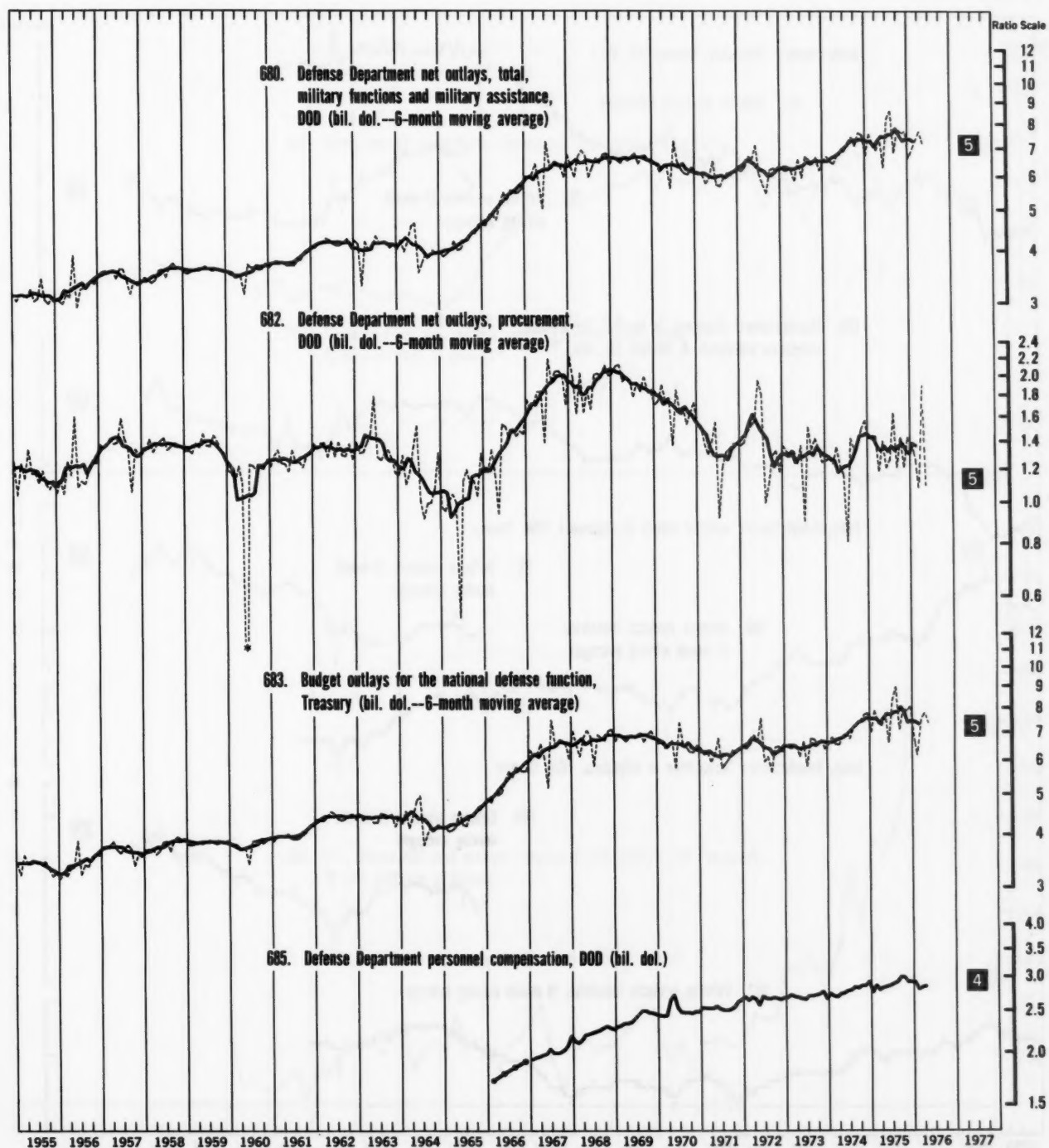


Current data for these series are shown on pages 22, 23, and 24.

CHART

3

Intermediate and Final Indicators of Defense Activity--Continued

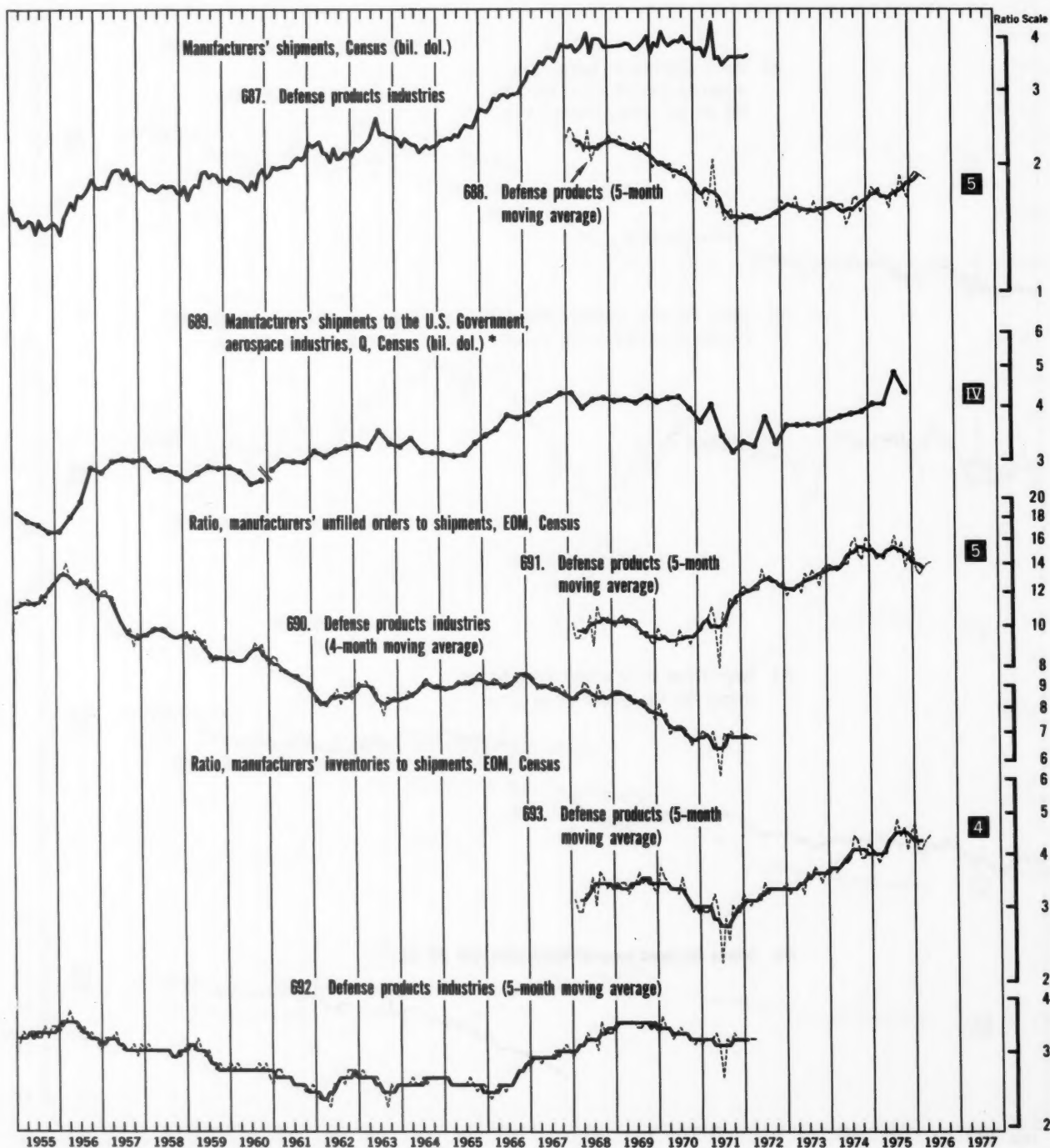


*Net expenditures for procurement, June 1960--\$245 million.
Current data for these series are shown on pages 24 and 25.

CHART

3

Intermediate and Final Indicators of Defense Activity--Continued

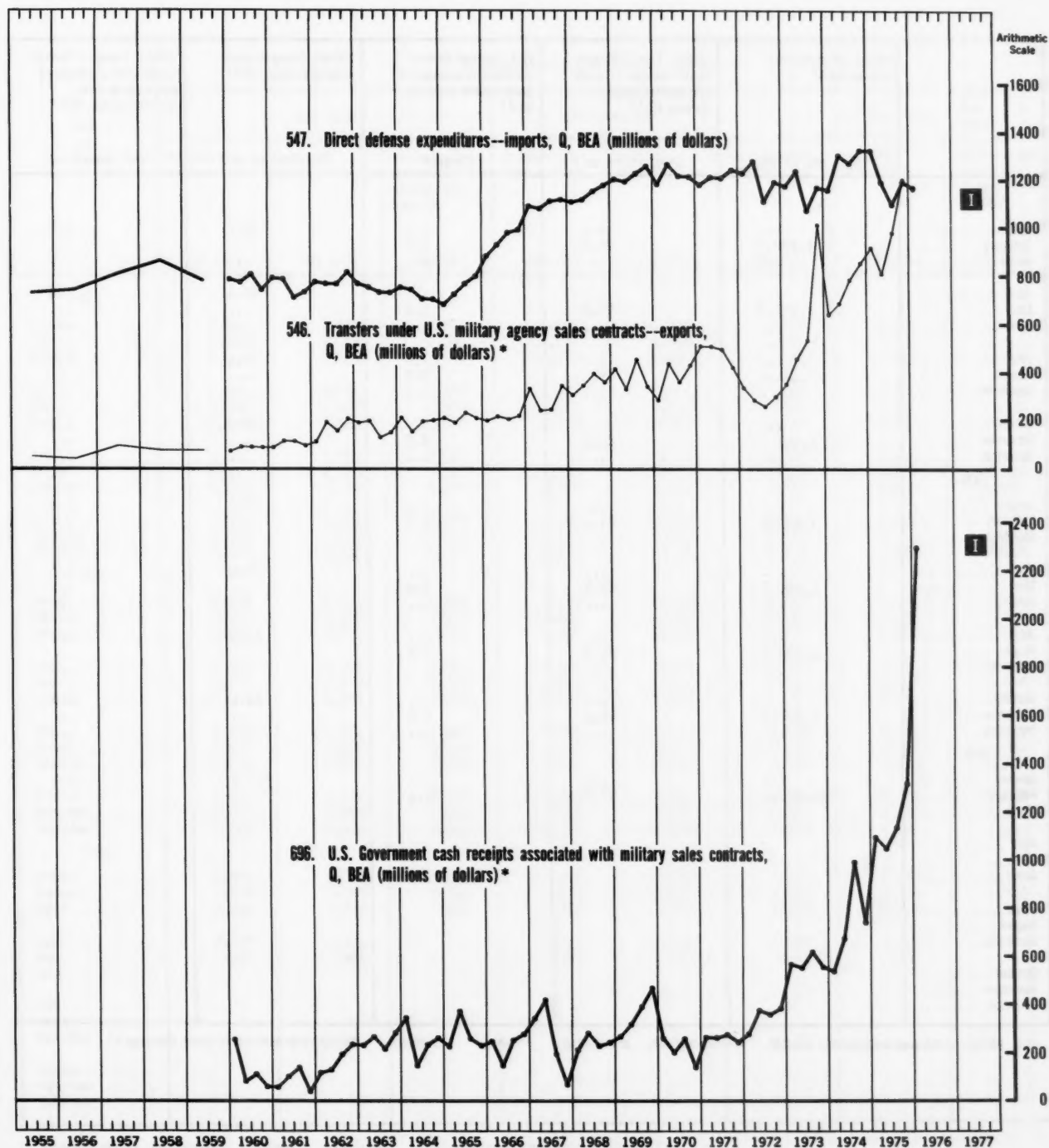


*Data prior to 1961 include shipments to non-Government customers.
Current data for these series are shown on page 26.

CHART

4

Defense-Related Balance of Payments Components



*See footnotes 1 and 2 on page 27.
Current data for these series are shown on page 27.

defense indicators

TABLE

1

Gross National Product and National Defense Purchases

Year and month	200(a). Gross national product, BEA*	264(a). Federal Government purchases of goods and services, national defense, BEA*	613. National defense purchases as a percent of gross national product, BEA*	200(b). Change in gross national product, BEA*	264(b). Change in Federal Government purchases of goods and services, national defense, BEA*
	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)	(Percent)	(Ann. rate, bil. dol.)	(Ann. rate, bil. dol.)
1974					
January .....	...	...	...	18.2	0.6
February	1,370.9	74.8	5.5	...	...
March .....	...	...	...	...	...
April .....	...	...	...	20.1	1.0
May	1,391.0	75.8	5.4	...	...
June .....	...	...	...	...	...
July .....	...	...	...	33.4	2.6
August	1,424.4	78.4	5.5	...	...
September .....	...	...	...	...	...
October .....	...	...	...	16.9	2.1
November	1,441.3	80.5	5.6	...	...
December .....	...	...	...	...	...
1975					
January .....	...	...	...	-7.7	0.9
February	1,433.6	81.4	5.7	...	...
March .....	...	...	...	...	...
April .....	...	...	...	27.0	0.7
May	1,460.6	82.1	5.6	...	...
June .....	...	...	...	...	...
July .....	...	...	...	67.9	2.8
August	1,528.5	84.9	5.6	...	...
September .....	...	...	...	...	...
October .....	...	...	...	44.4	2.5
November	1,572.9	87.4	5.6	...	...
December .....	...	...	...	...	...
1976					
January .....	...	...	...	147.5	-0.4
February	1,620.4	87.0	5.4	...	...
March .....	...	...	...	...	...
April .....	...	...	...	...	...
May .....	...	...	...	...	...
June .....	...	...	...	...	...
July .....	...	...	...	...	...
August .....	...	...	...	...	...
September .....	...	...	...	...	...
October .....	...	...	...	...	...
November .....	...	...	...	...	...
December .....	...	...	...	...	...

Note: All data on this page are seasonally adjusted. NA=not available; p=preliminary; r=revised; e=estimated. *Indicates series shown in charts. (See page 5.)

Advance Indicators of Defense Activity

Year and month	Defense Department gross obligations incurred, DOD							
	617. Total			619. Operations		621. Procurement		
	Not seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data—6-month*	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data—6-month*
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1974								
January	8,113	7,527	7,374	4,991	4,714	2,337	2,077	1,689
February	6,826	7,398	7,390	4,187	4,758	1,677	1,708	1,731
March	6,613	7,485	7,368	4,377	4,699	1,381	1,642	1,658
April	7,375	7,762	7,588	4,982	4,804	1,546	2,040	1,702
May	6,104	7,187	7,664	4,434	4,662	894	1,330	1,675
June	10,110	8,166	7,810	6,170	5,466	2,465	1,412	1,672
July	9,285	7,983	7,926	5,901	5,110	1,332	1,919	1,706
August	8,874	8,279	7,912	5,224	5,203	1,416	1,692	1,607
September	7,790	8,179	8,083	4,771	5,040	1,919	1,842	1,777
October	7,965	7,681	8,075	5,394	4,999	1,709	1,446	1,780
November	7,600	8,211	7,968	4,471	4,786	2,281	2,349	1,697
December	7,260	8,116	7,832	4,826	5,334	1,646	1,431	1,667
1975								
January	8,252	7,341	7,916	5,471	5,148	1,895	1,424	1,751
February	6,904	7,467	7,958	4,604	5,220	1,569	1,509	1,748
March	7,526	8,677	7,956	4,787	5,251	1,994	2,349	1,665
April	7,403	7,933	8,033	5,424	5,209	1,147	1,425	1,700
May	6,796	8,199	8,246	4,761	5,121	1,147	1,850	1,808
June	11,027	8,583	8,569	6,275	5,560	2,693	1,642	2,027
July	9,903	8,614	8,440	6,641	5,624	1,510	2,074	1,891
August	9,812	9,406	8,516	5,337	5,327	2,508	2,821	1,911
September	7,705	7,907	8,494	5,203	5,442	1,506	1,535	1,808
October	9,045	8,387	8,385	6,130	5,660	1,733	1,543	1,784
November	6,976	8,069	8,304	4,829	5,334	1,320	1,234	1,658
December	7,156	7,925	8,064	4,895	5,373	1,428	1,494	1,456
1976								
January	8,652	8,132	8,220	6,010	5,729	1,697	1,321	1,592
February	7,206	7,962	8,344	4,745	5,203	1,664	1,611	1,745
March	8,241	8,842	(NA)	4,995	5,354	2,093	2,349	(NA)
April	8,677	9,134		5,946	5,784	1,688	2,461	
May	(NA)	(NA)		(NA)	(NA)	(NA)	(NA)	
June								
July								
August								
September								
October								
November								
December								

NA=not available; p=preliminary; r=revised; e=estimated.

*Indicates series shown in charts. (See page 6.)

defense indicators

TABLE

2

Advance Indicators of Defense Activity--Continued

Year and month	623. Gross obligations incurred outside the Federal Government for national defense, Treasury		Defense Department military prime contract awards for work performed in the United States, DOD						
	Seasonally adjusted*	Moving average of seasonally adjusted data--6-month*	625. Total			626. Aircraft		627. Missile and space systems	
			Not seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data--6-month*	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1974									
January	8,264	7,784	3,084	3,378	3,123	1,093	...	206	...
February	7,874	7,673	2,613	3,141	3,317	598	2,424	305	844
March	7,819	7,712	2,602	2,677	3,212	517	...	255	...
April	8,270	p8,068	3,127	4,343	3,310	459	...	303	...
May	7,647	p8,112	2,250	2,881	3,329	308	1,104	297	1,271
June	p8,534	p8,333	6,086	3,440	3,498	502	...	323	...
July	8,526	p8,584	3,924	3,494	3,636	1,089	...	618	...
August	9,202	p8,623	4,091	4,153	3,605	591	2,446	430	1,448
September	9,326	p8,842	3,586	3,502	3,754	866	...	848	...
October	8,503	8,776	4,165	4,161	3,603	1,156	...	410	...
November	8,963	8,700	3,207	3,777	3,636	856	2,900	434	1,107
December	8,139	8,545	2,616	2,532	3,609	569	...	361	...
1975									
January	3,069	8,422	3,567	3,693	3,494	1,062	...	346	...
February	8,271	7,894	3,321	3,987	3,488	509	2,147	276	980
March	8,590	8,472	2,625	2,817	3,513	421	...	244	...
April	5,335	p8,863	2,914	4,122	3,720	316	...	377	...
May	12,426	p9,084	2,713	3,926	3,744	386	1,240	242	1,654
June	p10,487	p9,259	6,626	3,773	3,925	732	...	537	...
July	9,397	p9,176	4,376	3,842	3,969	810	...	661	...
August	9,321	p9,592	5,295	5,072	3,776	1,196	2,415	1,070	1,586
September	8,092	p9,137	3,179	3,080	3,600	469	...	379	...
October	7,830	8,479	3,174	2,961	3,493	817	...	463	...
November	9,697	(NA)	2,608	2,872	3,420	373	1,807	498	1,327
December	6,537		2,870	3,130	3,074	483	...	426	...
1976									
January	(NA)		3,288	3,407	3,612	546	...	341	...
February			2,529	2,993	3,716	335	2,244	278	1,027
March			5,356	6,309	(NA)	1,332		243	
April			2,600	3,586		326		290	
May			(NA)	(NA)		(NA)		(NA)	
June									
July									
August									
September									
October									
November									
December									

NA=not available; p=preliminary; r=revised; e=estimated. *Indicates series shown in charts. (See pages 6 and 7.)

Advance Indicators of Defense Activity--Continued

Year and month	Defense Department military prime contract awards for work performed in the United States, DOD--Continued						
	628. Ships, not seasonally adjusted	629. Weapons and ammunition		630. Electronic and communications equipment		631. Combat vehicles	
		Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1974							
January	52	135	...	311	...	102	...
February	212	244	541	415	1,013	5	253
March	103	142	...	206	...	40	...
April	190	170	...	403	...	129	...
May	155	123	680	270	1,110	98	502
June	1,175	554	...	732	...	404	...
July	230	37	...	321	...	59	...
August	625	72	453	402	1,316	104	249
September	134	111	...	352	...	151	...
October	210	122	...	598	...	25	...
November	328	114	334	349	1,239	22	126
December	109	165	...	254	...	81	...
1975							
January	325	125	...	414	...	21	...
February	251	160	515	331	1,379	66	288
March	11	217	...	535	...	52	...
April	621	147	...	313	...	23	...
May	94	128	683	587	1,255	86	191
June	858	672	...	696	...	161	...
July	250	52	...	394	...	126	...
August	814	126	630	470	1,559	70	259
September	439	95	...	430	...	90	...
October	80	128	...	439	...	67	...
November	114	66	303	445	1,277	14	172
December	211	146	...	332	...	62	...
1976							
January	310	76	...	263	...	48	...
February	124	101	341	305	1,079	26	238
March	1,213	148	...	442	...	61	...
April	306	158	...	348	...	32	...
May	(NA)	(NA)	...	(NA)	...	(NA)	...
June .....			...		...		...
July .....			...		...		...
August .....			...		...		...
September .....			...		...		...
October .....			...		...		...
November .....			...		...		...
December .....			...		...		...

NA=not available; p=preliminary; r=revised; e=estimated.

defense indicators

TABLE

2

Advance Indicators of Defense Activity--Continued

Year and month	Defense Department military prime contract awards for work performed in the United States, DOD--Continued							
	632. Other hard goods		633. Soft goods		634. Construction		635. Services	
	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1974								
January	128	...	297	...	90	...	204	...
February	111	467	145	1,374	52	258	138	900
March	179	...	487	...	92	...	181	...
April	294	...	344	...	248	...	166	...
May	139	564	214	1,081	58	504	168	846
June	352	...	256	...	604	...	524	...
July	163	...	338	...	131	...	451	...
August	158	677	819	890	148	601	303	762
September	129	...	219	...	112	...	233	...
October	108	...	267	...	138	...	446	...
November	127	391	226	692	126	578	185	742
December	135	...	222	...	104	...	181	...
1975								
January	154	...	217	...	168	...	307	...
February	143	497	704	1,489	134	481	341	1,396
March	152	...	191	...	127	...	201	...
April	147	...	164	...	156	...	190	...
May	165	487	121	658	291	838	211	925
June	399	...	213	...	1,073	...	574	...
July	104	...	811	...	82	...	634	...
August	173	616	307	937	61	486	570	1,136
September	150	...	256	...	178	...	204	...
October	201	...	173	...	149	...	216	...
November	156	631	214	687	56	605	210	523
December	179	...	244	...	176	...	121	...
1976								
January	190	...	817	...	85	...	244	...
February	201	1,420	330	1,611	107	448	256	1,111
March	898	...	187	...	151	...	230	...
April	173	...	221	...	198	...	179	...
May	(NA)	...	(NA)	...	(NA)	...	(NA)	...
June								
July								
August								
September								
October								
November								
December								

NA=not available; p=preliminary; r=revised; e=estimated.

Advance Indicators of Defense Activity--Continued

Year and month	Defense Department military prime contract awards for work performed in the United States, DOD--Continued					640. Defense Department military prime contract awards for work outside the United States, DOD	
	636. Contracts under \$10,000		637. Educational and nonprofit institutions		638. Civilian Health and Medical Program of the Uniformed Services (CHAMPUS), not seasonally adjusted	Not seasonally adjusted	Seasonally adjusted
	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted			
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1974							
January	327	...	76	...	63	160	...
February	333	996	55	233	0	114	594
March	329	...	58	...	13	198	...
April	384	...	37	...	0	80	...
May	382	1,066	38	186	0	94	559
June	570	...	70	...	20	333	...
July	225	...	162	...	100	421	...
August	321	1,116	118	243	0	448	632
September	380	...	51	...	0	120	...
October	399	...	46	...	240	190	...
November	374	1,204	59	187	7	93	559
December	343	...	92	...	0	111	...
1975							
January	372	...	51	...	5	114	...
February	345	1,144	61	205	0	93	388
March	419	...	53	...	2	96	...
April	418	...	42	...	0	73	...
May	367	1,141	35	201	0	86	813
June	635	...	76	...	0	558	...
July	263	...	184	...	5	244	...
August	345	1,218	92	253	1	149	317
September	409	...	80	...	0	124	...
October	374	...	67	...	0	252	...
November	412	1,273	50	192	0	164	941
December	408	...	82	...	0	255	...
1976							
January	327	...	39	...	2	286	...
February	416	1,156	48	163	2	95	681
March	405	...	44	...	2	139	...
April	300	...	68	...	1	147	...
May	(NA)	...	(NA)	...	(NA)	(NA)	...
June							
July							
August							
September							
October							
November							
December							

NA=not available; p=preliminary; r=revised; e=estimated.

defense indicators

TABLE
2

Advance Indicators of Defense Activity--Continued

Year and month	Defense Department gross unpaid obligations outstanding, DOD						648. Manufacturers' new orders, defense products, Census		650. Manufacturers' new orders from the U.S. Government, aerospace industries, Census, seasonally adjusted*
	643. Total		644. Operations		645. Procurement				
	Not seasonally adjusted	Seasonally adjusted*	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data—6-month*	
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	
1974									
January	38,249	37,280	7,425	6,959	23,791	23,143	2,183	1,852	...
February	37,963	37,001	7,055	6,964	24,032	23,175	2,064	1,802	4,705
March	37,249	37,436	6,779	7,189	23,847	23,634	1,462	1,794	...
April	37,264	38,141	7,044	7,550	23,778	23,970	1,527	1,844	...
May	35,601	38,076	6,476	7,301	23,123	23,987	2,079	1,710	3,073
June	37,545	38,947	7,373	8,417	23,994	23,756	1,752	1,904	...
July	e39,626	e40,435	e8,149	e8,392	e24,316	e24,914	1,377	1,940	...
August	40,594	40,152	8,426	8,010	23,791	24,351	3,229	1,919	5,709
September	41,055	40,488	8,311	7,991	24,283	24,703	1,678	1,965	...
October	41,201	39,731	8,607	7,610	24,361	24,337	1,401	1,951	...
November	40,949	40,068	7,906	7,334	25,147	25,022	2,351	1,994	5,627
December	40,407	40,047	7,654	7,556	25,199	25,024	1,668	1,813	...
1975									
January	40,819	39,823	7,997	7,495	25,484	24,838	1,635	1,817	...
February	40,008	39,147	7,520	7,460	25,452	24,568	2,147	1,857	4,252
March	39,473	39,791	7,169	7,651	25,688	25,259	1,702	1,742	...
April	38,589	39,457	7,276	7,807	24,932	24,957	1,639	1,782	...
May	37,120	39,658	6,746	7,666	24,321	25,099	1,659	1,812	3,875
June	39,557	41,334	7,303	8,346	25,311	25,438	1,909	1,796	...
July	e41,470	e42,144	e8,733	e8,939	e25,167	e25,370	1,818	1,844	...
August	43,248	42,651	8,677	8,280	26,070	26,684	2,048	1,806	4,721
September	43,084	42,281	8,677	8,287	26,002	26,479	1,991	1,821	...
October	43,754	42,193	9,259	8,172	26,081	26,238	1,408	1,753	...
November	42,767	41,724	8,804	8,144	25,810	25,707	1,750	1,681	p5,495
December	41,551	40,897	8,261	8,155	25,507	25,305	1,501	1,637	...
1976									
January	42,110	40,804	8,947	8,489	25,503	24,905	1,390	1,744	...
February	41,512	41,101	8,538	8,624	25,586	24,841	1,784	r1,867	(NA)
March	41,046	41,926	7,966	8,584	25,783	25,277	2,633	p1,878	
April	41,029	42,962	8,253	8,865	25,606	25,657	r2,144		
May	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	p1,815		
June									
July									
August									
September									
October									
November									
December									

NA=not available; p=preliminary; r=revised; e=estimated. *Indicates series shown in charts. (See pages 7 and 8.)

Advance Indicators of Defense Activity--Continued

Year and month	653. Average weekly overtime hours, production workers, defense products industries, BLS			654. Accession rate, defense products industries, BLS			655. Layoff rate, defense products industries, BLS		
	Not seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data--4-month*	Not seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data--4-month*	Not seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data--4-month*
	(Hours)	(Hours)	(Hours)	(Per 100 employees)	(Per 100 employees)	(Per 100 employees)	(Per 100 employees)	(Per 100 employees)	(Per 100 employees)
1974									
January	2.9	3.0	3.1	2.1	2.2	2.2	0.6	0.4	0.5
February	2.7	2.8	3.0	1.8	2.1	2.1	0.6	0.5	0.5
March	2.8	2.9	2.8	1.9	2.1	2.2	0.6	0.4	0.4
April	2.1	2.4	2.8	2.1	2.3	2.2	0.6	0.5	0.5
May	2.8	3.1	2.8	2.2	2.2	2.2	0.5	0.6	0.5
June	3.0	3.0	2.9	2.8	2.1	2.2	0.5	0.6	0.5
July	2.7	3.0	3.0	2.6	2.3	2.2	0.4	0.5	0.6
August	2.8	2.8	2.8	2.6	2.2	2.2	0.5	0.6	0.6
September	2.9	2.6	2.8	2.6	2.2	2.1	0.5	0.6	0.6
October	2.8	2.7	2.7	2.1	1.9	2.0	0.7	0.7	0.6
November	2.9	2.6	2.6	1.3	1.6	1.8	0.8	0.7	0.7
December	3.0	2.6	2.6	0.9	1.7	1.7	0.8	0.8	0.8
1975									
January	2.4	2.5	2.6	1.4	1.6	1.6	1.2	1.1	1.0
February	2.4	2.5	2.5	1.3	1.6	1.6	1.3	1.2	1.2
March	2.3	2.5	2.5	1.3	1.6	1.7	2.1	1.9	1.4
April	2.1	2.4	2.4	1.9	2.1	1.6	1.4	1.3	1.4
May	2.0	2.3	2.4	1.3	1.3	1.5	1.3	1.3	1.5
June	2.5	2.4	2.4	1.7	1.0	1.4	1.3	1.4	1.2
July	2.2	2.5	2.4	1.6	1.3	1.2	0.8	1.0	1.2
August	2.6	2.6	2.5	1.6	1.2	1.2	1.2	1.3	1.2
September	2.8	2.5	2.6	1.7	1.3	1.2	1.0	1.2	1.2
October	2.7	2.6	2.6	1.4	1.2	1.2	1.0	1.1	1.1
November	2.7	2.5	2.5	1.0	1.3	1.4	0.8	0.7	0.9
December	2.9	2.5	2.6	0.8	1.6	1.4	0.6	0.6	0.8
1976									
January	2.5	2.6	2.6	1.3	1.4	1.5	1.1	1.0	0.8
February	2.5	2.6	2.6	1.3	1.6	1.6	0.8	0.7	0.8
March	r2.4	r2.5	p2.4	1.5	1.7	(NA)	0.8	0.7	(NA)
April	p1.7	p2.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
May	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
June									
July									
August									
September									
October									
November									
December									

NA=not available; p=preliminary; r=revised; e=estimated.

*Indicates series shown in charts. (See page 8.)

defense indicators

TABLE

3

Intermediate and Final Indicators of Defense Activity

Year and month	657. Output of defense and space equipment, FRB, seasonally adjusted*	659. Manufacturers' inventories, defense products, Census, seasonally adjusted*	661. Manufacturers' unfilled orders, defense products, Census, seasonally adjusted*	664. Manufacturers' unfilled orders from the U.S. Government, aerospace industries, Census, seasonally adjusted*	666. Defense Department progress payments outstanding, DOD, not seasonally adjusted*	670. Employment in defense products industries, total, BLS	
	(Index: 1967=100)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	Not seasonally adjusted (Thous.)	Seasonally adjusted* (Thous.)
1974							
January	81.4	5,679	21,372	...	...	1,181	1,177
February	80.9	5,837	21,827	...	...	1,176	1,176
March	81.0	5,966	21,678	17,378	7,781	1,175	1,180
April	80.6	5,978	21,622	...	...	1,174	1,181
May	82.2	6,119	22,107	...	...	1,170	1,179
June	81.7	6,201	22,261	16,847	8,104	1,175	1,179
July	82.6	6,303	22,208	...	...	1,176	1,184
August	82.7	6,431	23,941	...	...	1,140	1,147
September	83.1	6,377	23,979	19,002	8,531	1,185	1,181
October	84.1	6,463	23,715	...	...	1,196	1,188
November	83.7	6,477	24,530	...	...	1,196	1,183
December	83.4	6,543	24,612	20,662	9,166	1,184	1,171
1975							
January	83.8	6,503	24,603	...	...	1,178	1,175
February	82.4	6,714	24,998	...	...	1,141	1,141
March	82.1	6,867	24,986	20,811	9,609	1,137	1,142
April	82.4	6,978	24,883	...	...	1,121	1,128
May	82.7	7,110	24,875	...	...	1,131	1,140
June	82.9	7,637	25,118	21,147	10,464	1,123	1,127
July	82.6	7,455	25,368	...	...	1,110	1,117
August	81.4	7,575	25,685	...	...	1,100	1,108
September	81.6	7,687	26,011	20,786	11,008	1,104	1,100
October	81.1	7,730	25,552	...	...	1,097	1,090
November	79.4	7,824	25,566	...	...	1,089	1,077
December	79.0	7,806	25,403	p21,890	11,257	1,088	1,075
1976							
January	79.3	7,642	24,942	...	...	1,084	1,081
February	79.1	7,845	24,827	...	...	1,075	1,076
March	r78.8	8,082	25,574	(NA)	9,848	r1,071	r1,077
April	r78.2	8,165	r25,855			r1,066	r1,072
May	p78.9	(NA)	p25,834			p1,061	p1,070
June							
July							
August							
September							
October							
November							
December							

NA=not available; p=preliminary; r=revised; e=estimated.

*Indicates series shown in charts. (See pages 9 and 10.)

TABLE

3

Intermediate and Final Indicators of Defense Activity--Continued

Year and month	671. Employment in defense products industries, production workers, BLS		673. Index of aggregate weekly hours, defense products industries, BLS		675. Index of aggregate weekly payrolls, production workers, defense products industries, BLS	
	Not seasonally adjusted	Seasonally adjusted*	Not seasonally adjusted	Seasonally adjusted*	Not seasonally adjusted	Seasonally adjusted*
	(Thous.)	(Thous.)	(1967=100)	(1967=100)	(1967=100)	(1967=100)
1974						
January	627	623	69.8	69.8	96.7	96.5
February	623	622	69.6	69.6	96.5	96.3
March	621	624	69.7	69.9	97.0	97.2
April	620	624	68.7	69.4	94.1	95.9
May	615	622	69.4	69.8	97.6	98.7
June	616	620	69.3	69.5	96.9	98.0
July	612	618	68.7	69.8	94.9	98.5
August	576	584	66.3	67.0	89.6	91.9
September	621	619	69.7	69.3	99.8	99.0
October	632	627	70.4	70.0	103.2	102.0
November	634	624	70.7	69.5	105.3	102.2
December	623	611	70.5	69.1	106.3	101.2
1975						
January	618	615	69.2	69.2	102.8	102.6
February	589	589	67.0	67.0	98.6	98.4
March	585	588	66.8	67.0	99.1	99.4
April	570	574	66.1	66.8	97.6	99.5
May	581	588	66.5	66.8	100.2	101.3
June	573	577	66.4	66.6	101.2	102.3
July	564	570	65.0	66.1	97.9	101.7
August	555	563	64.9	65.6	98.3	101.0
September	558	556	65.5	65.1	102.0	101.2
October	554	549	64.9	64.5	101.5	100.4
November	549	540	64.6	63.5	101.8	98.7
December	549	538	65.0	63.8	104.9	99.8
1976						
January	545	542	64.1	64.1	101.3	101.1
February	540	540	63.5	63.5	100.7	100.4
March	r537	r539	r63.3	r63.6	r100.8	r101.1
April	r534	r538	p61.9	p62.6	p96.3	p98.3
May	p532	p538	(NA)	(NA)	(NA)	(NA)
June						
July						
August						
September						
October						
November						
December						

NA=not available; p=preliminary; r=revised; e=estimated. *Indicates series shown in charts. (See page 10.)

defense indicators

TABLE

3

Intermediate and Final Indicators of Defense Activity--Continued

Year and month	Defense Department personnel, DOD		Defense Department net outlays, DOD				
	677. Military, active duty, not seasonally adjusted*	678. Civilian, direct hire employment, not seasonally adjusted*	680. Total, military functions and military assistance			681. Operations	
			Not seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data--6-month*	Not seasonally adjusted	Seasonally adjusted
	(Thous.)	(Thous.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1974							
January	2,199	1,034	6,728	6,538	6,524	4,376	4,333
February	2,195	1,039	6,384	6,717	6,527	4,137	4,313
March	2,187	1,042	6,702	6,536	6,537	4,398	4,364
April	2,174	1,046	6,685	6,458	6,648	4,367	4,221
May	2,156	1,053	7,204	6,745	6,712	4,718	4,536
June	2,162	1,070	7,872	6,894	6,801	4,835	4,296
July	2,162	1,074	5,979	6,921	6,956	4,628	4,917
August	2,153	1,064	6,897	7,254	7,068	4,804	4,957
September	2,157	1,049	6,948	7,463	7,218	4,575	4,828
October	2,156	1,046	7,271	7,130	7,328	4,817	4,853
November	2,154	1,046	7,473	7,648	7,302	4,912	5,042
December	2,140	1,043	7,451	7,549	7,358	4,742	4,843
1975							
January	2,145	1,038	7,051	6,766	7,312	4,775	4,605
February	2,146	1,036	7,258	7,590	7,284	4,727	4,907
March	2,137	1,034	7,244	7,190	7,258	4,736	4,778
April	2,127	1,034	7,190	6,958	7,056	4,960	4,744
May	2,124	1,035	7,780	7,494	7,308	4,909	4,963
June	2,128	1,042	7,476	6,336	7,475	4,954	4,395
July	2,129	1,052	7,124	8,278	7,423	4,918	5,154
August	2,111	1,038	7,961	8,594	7,552	5,081	5,242
September	2,105	1,030	6,631	6,880	7,566	4,810	5,082
October	2,097	1,031	7,913	7,732	7,788	5,260	5,213
November	2,099	1,029	7,203	7,574	7,515	4,997	5,131
December	2,084	1,028	7,695	7,672	7,251	5,078	5,068
1976							
January	2,092	1,023	6,649	6,636	7,326	4,887	4,892
February	2,093	1,019	6,962	7,011	r7,322	4,848	4,825
March	2,090	1,016	7,642	7,334	p7,258	5,026	4,966
April	2,087	1,011	r7,872	r7,703		5,297	5,193
May	p2,081	(NA)	p7,036	p7,194		p4,886	p5,032
June							
July							
August							
September							
October							
November							
December							

NA=not available; p=preliminary; r=revised; e=estimated. *Indicates series shown in charts. (See pages 10 and 11.)

Intermediate and Final Indicators of Defense Activity--Continued

Year and month	Defense Department net outlays, DOD—Continued			683. Budget outlays for the national defense function, Treasury		685. Defense Department personnel compensation, DOD	
	682. Procurement			Seasonally adjusted*	Moving average of seasonally adjusted data—6-month*	Not seasonally adjusted	Seasonally adjusted*
	Not seasonally adjusted	Seasonally adjusted*	Moving average of seasonally adjusted data—6-month*				
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)
1974							
January	1,270	1,262	1,300	6,569	6,613	2,879	2,738
February	1,195	1,276	1,289	6,835	6,617	2,651	2,702
March	1,313	1,241	1,268	6,579	6,640	2,700	2,687
April	1,382	1,355	1,254	6,567	6,733	2,750	2,739
May	1,292	1,227	1,179	6,874	6,768	2,817	2,745
June	1,346	1,165	1,204	6,973	6,831	2,710	2,782
July	801	810	1,221	6,783	6,962	2,835	2,793
August	1,348	1,425	1,224	7,212	7,112	2,814	2,837
September	1,251	1,343	1,270	7,362	7,254	2,741	2,823
October	1,455	1,377	1,338	7,467	7,393	2,869	2,864
November	1,372	1,501	1,440	7,727	7,436	2,827	2,864
December	1,439	1,569	1,444	7,809	7,550	2,874	2,924
1975							
January	1,427	1,428	1,460	7,039	7,554	2,913	2,762
February	1,351	1,444	1,429	7,896	7,526	2,808	2,862
March	1,500	1,440	1,414	7,385	7,536	2,812	2,799
April	1,200	1,194	1,354	7,297	7,342	2,867	2,836
May	1,467	1,406	1,328	7,788	7,564	2,870	2,850
June	1,409	1,215	1,360	6,649	7,747	2,823	2,869
July	1,225	1,268	1,322	8,367	7,706	2,941	2,895
August	1,559	1,634	1,361	8,996	7,818	2,873	2,923
September	1,191	1,217	1,330	7,140	7,836	2,936	2,999
October	1,500	1,425	1,365	7,971	8,079	3,008	2,999
November	1,081	1,220	1,384	7,896	7,830	2,866	2,927
December	1,319	1,427	1,328	8,103	7,352	2,916	2,925
1976							
January	1,363	1,384	1,305	6,874	7,411	3,018	2,916
February	1,227	1,293	1,382	6,126	7,380	2,820	2,792
March	1,195	1,082	p1,361	7,497	7,286	2,887	2,833
April	1,792	1,884		7,784		p2,851	p2,840
May	p1,092	p1,095		7,334		(NA)	(NA)
June							
July							
August							
September							
October							
November							
December							

NA=not available; p=preliminary; r=revised; e=estimated. *Indicates series shown in charts. (See page 11.)

defense indicators

TABLE

3

Intermediate and Final Indicators of Defense Activity--Continued

Year and month	688. Manufacturers' shipments, defense products, Census		689. Manufacturers' shipments to the U.S. Government, aerospace industries, Census, seasonally adjusted*	691. Ratio, manufacturers' unfilled orders to shipments, defense products, Census		693. Ratio, manufacturers' inventories to shipments, defense products, Census	
	Seasonally adjusted*	Moving average of seasonally adjusted data--5-month*		Seasonally adjusted*	Moving average of seasonally adjusted data--5-month*	Seasonally adjusted*	Moving average of seasonally adjusted data--5-month*
	(Mil. dol.)	(Mil. dol.)	(Mil. dol.)	(Ratio)	(Ratio)	(Ratio)	(Ratio)
1974							
January	1,552	1,564	...	13.8	13.6	3.7	3.7
February	1,610	1,573	3,696	13.6	13.6	3.6	3.7
March	1,612	1,591	...	13.4	13.7	3.7	3.7
April	1,586	1,600	...	13.6	13.7	3.8	3.8
May	1,594	1,564	3,780	13.9	14.1	3.8	3.9
June	1,596	1,541	...	13.9	14.6	3.9	4.0
July	1,431	1,551	...	15.5	14.8	4.4	4.1
August	1,497	1,565	3,834	16.0	14.9	4.3	4.1
September	1,638	1,553	...	14.6	15.3	3.9	4.1
October	1,663	1,584	...	14.3	15.3	3.9	4.1
November	1,536	1,613	3,888	16.0	15.1	4.2	4.0
December	1,585	1,636	...	15.5	15.0	4.1	4.0
1975							
January	1,644	1,646	...	15.0	15.1	4.0	4.0
February	1,753	1,688	4,049	14.3	14.7	3.8	4.0
March	1,714	1,704	...	14.6	14.6	4.0	4.0
April	1,742	1,709	...	14.3	14.6	4.0	4.1
May	1,668	1,671	4,056	14.9	15.0	4.3	4.3
June	1,666	1,675	...	15.1	15.1	4.4	4.4
July	1,567	1,660	...	16.2	15.3	4.8	4.5
August	1,732	1,699	4,814	14.8	15.1	4.4	4.5
September	1,665	1,713	...	15.6	15.0	4.6	4.5
October	1,866	1,732	...	13.7	14.8	4.1	4.5
November	1,736	1,756	p4,313	14.7	14.6	4.5	4.4
December	1,661	1,803	...	15.3	14.1	4.7	4.3
1976							
January	1,852	1,807	...	13.5	14.0	4.1	4.3
February	1,899	1,832	(NA)	13.1	13.9	4.1	4.3
March	1,885	p1,867	...	13.6	p13.6	4.3	(NA)
April	1,862			13.9		4.4	
May	p1,837			p14.1		(NA)	
June							
July							
August							
September							
October							
November							
December							

NA=not available; p=preliminary; r=revised; e=estimated. *Indicates series shown in charts. (See page 12.)

TABLE

4

Defense-Related Balance of Payments Components

Year and month	546. Transfers under U.S. military agency sales contracts (exports), BEA ¹		547. Direct defense expenditures (imports), BEA, not seasonally adjusted*	696. U.S. Government cash receipts associated with military sales contracts, BEA ²	
	Not seasonally adjusted	Seasonally adjusted*		Not seasonally adjusted	Seasonally adjusted*
	(Mil. dol.)	(Mil. dol.)		(Mil. dol.)	(Mil. dol.)
1974	Revised ³	Revised ³	Revised ³	Revised ³	Revised ³
January .....	...	...	...	...	...
February	644	638	1,153	497	538
March .....	...	...	...	...	...
April .....	...	...	...	...	...
May	738	683	1,298	642	674
June .....	...	...	...	...	...
July .....	...	...	...	...	...
August	720	781	1,265	995	989
September .....	...	...	...	...	...
October .....	...	...	...	...	...
November	850	850	1,319	808	741
December .....	...	...	...	...	...
1975					
January .....	...	...	...	...	...
February	931	915	1,317	1,050	1,094
March .....	...	...	...	...	...
April .....	...	...	...	...	...
May	865	807	1,185	1,013	1,047
June .....	...	...	...	...	...
July .....	...	...	...	...	...
August	906	978	1,093	1,148	1,135
September .....	...	...	...	...	...
October .....	...	...	...	...	...
November	1,195	1,197	1,185	1,380	1,315
December .....	...	...	...	...	...
1976					
January .....	...	...	...	...	...
February	p1,175	p1,158	p1,162	p2,250	p2,294
March .....	...	...	...	...	...
April .....	...	...	...	...	...
May .....	...	...	...	...	...
June .....	...	...	...	...	...
July .....	...	...	...	...	...
August .....	...	...	...	...	...
September .....	...	...	...	...	...
October .....	...	...	...	...	...
November .....	...	...	...	...	...
December .....	...	...	...	...	...

NA=not available; p=preliminary; r=revised; e=estimated. *Indicates series shown in charts. (See page 13.)

¹ Includes deliveries for which Israel has been released from its contractual liability to pay. ² Excludes funds made available to release Israel from its contractual liability to pay for defense articles and services purchased through military sales contracts. Quarterly expenditures for such purpose under Public Laws 93-199 and 93-559 (sec. 45 (a)(7)(B)) amounted to (in millions): 1974, IIQ, \$623; IIIQ, \$223; IVQ, \$91; 1975, IQ, \$187; IIQ, \$124; IIIQ, \$83; IVQ, \$242; 1976, IQ, \$107. ³ See "New Features and Changes for This Issue," page 3.

Appendix C. HISTORICAL DATA

This appendix provides historical data (back to 1945 if available) for selected Defense Indicators series. Data are shown for series which (a) have recently been added to the report, (b) have recently been revised, or (c) have not been shown here for a long time. By keeping these tables, the user can acquire a complete set of historical data. Each time a series is included in this appendix, it is footnoted to indicate the extent of any revisions since it was last shown. See the "Alphabetical Index—Series Finding Guide" for the latest issue in which historical data

were published for each series. Current figures are shown in the basic data tables each month and may be used to update these historical tables.

Official source agency annual figures are shown if available. Such figures may differ slightly from those computed from the monthly or quarterly data appearing in the tables. When both seasonally adjusted and unadjusted data are shown for a series, annual figures are included only for the unadjusted data. Quarterly and annual data are not included for moving averages.

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	
617. DEFENSE DEPARTMENT GROSS OBLIGATIONS INCURRED, TOTAL, NOT SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)																	
																	TOTAL FOR PERIOD
1949...	...	...	...	...	...	...	822	914	1,179	901	1,121	1,145	...	...	2,915	3,167	...
1950...	964	932	925	1,280	1,634	2,414	3,248	2,702	2,610	3,557	2,111	2,860	2,831	5,328	8,560	8,528	25,247
1951...	6,921	4,538	5,019	3,417	5,001	8,219	6,270	3,519	3,558	4,654	9,680	3,280	16,478	16,637	13,147	17,624	63,886
1952...	5,439	4,112	4,589	3,892	5,352	8,252	7,312	5,233	4,208	2,925	2,658	5,072	14,140	17,496	16,753	10,655	59,044
1953...	3,827	3,613	4,091	4,173	2,147	2,927	2,195	2,134	2,156	2,225	2,148	1,630	11,531	9,247	6,485	6,003	33,266
1954...	1,950	2,751	2,186	2,770	2,731	4,983	2,437	2,244	3,336	3,474	2,520	2,699	6,887	10,484	8,017	8,693	38,081
1955...	2,068	2,045	2,879	3,010	2,012	4,202	2,000	953	3,406	2,398	2,471	4,545	6,992	9,224	6,359	9,414	31,989
1956...	3,130	2,691	4,891	3,783	3,080	7,107	2,888	3,984	3,337	3,110	3,163	4,400	10,712	13,970	10,209	10,673	45,564
1957...	3,061	3,284	3,833	3,694	2,720	4,860	2,532	2,650	3,104	2,878	3,346	4,268	10,182	11,274	8,266	10,492	40,214
1958...	3,483	3,108	4,864	4,065	3,889	6,998	3,208	2,998	3,636	4,635	3,282	4,486	11,455	14,952	9,842	12,405	48,652
1959...	3,529	3,340	4,512	3,630	3,333	6,345	3,160	2,933	3,971	3,859	3,394	3,511	11,181	13,308	10,064	10,764	45,317
1960...	3,017	3,222	4,061	3,321	3,382	6,197	4,437	3,385	3,962	3,374	3,856	3,884	10,300	12,900	11,784	11,114	46,098
1961...	3,408	3,735	4,246	3,389	3,451	6,138	3,609	4,697	4,818	4,200	3,873	4,831	11,389	12,978	13,124	12,904	50,395
1962...	4,164	3,728	4,805	4,355	3,773	6,291	4,861	4,084	3,920	4,912	4,633	4,091	12,697	14,419	12,865	13,636	53,617
1963...	4,360	3,756	4,369	3,935	4,162	6,899	4,883	4,278	4,180	5,507	3,848	4,158	12,485	14,996	13,341	13,513	54,335
1964...	4,093	4,779	4,131	4,379	4,399	6,552	5,361	3,959	4,429	4,048	3,930	4,970	13,003	15,330	13,749	12,948	55,030
1965...	4,040	3,466	4,554	4,534	4,246	6,792	4,927	4,892	5,326	5,365	4,599	5,565	12,060	15,572	15,145	15,529	58,306
1966...	4,896	4,335	5,898	6,243	5,055	10,314	5,815	6,896	6,535	5,905	5,367	5,936	15,129	21,612	19,246	17,208	73,195
1967...	6,056	5,451	6,354	6,191	7,146	10,555	5,991	6,791	8,016	7,335	5,755	6,208	17,861	23,892	20,798	19,298	81,849
1968...	6,445	6,092	6,089	6,780	6,870	10,677	7,238	7,821	8,971	7,540	6,238	6,271	18,626	24,327	24,030	20,049	87,032
1969...	7,284	5,908	6,039	6,228	6,045	9,194	6,901	6,592	7,309	7,337	6,027	6,440	19,211	21,467	20,802	19,804	81,244
1970...	6,757	5,402	6,027	6,371	5,764	9,634	7,099	6,146	7,360	6,638	6,228	6,554	18,186	21,769	20,605	19,420	79,980
1971...	6,935	6,498	6,163	6,581	5,786	8,605	8,279	6,754	6,374	7,497	6,153	7,137	19,596	20,972	21,407	20,787	82,762
1972...	7,772	6,542	6,445	6,455	5,813	9,429	7,769	7,810	6,899	7,178	6,489	6,066	20,759	21,697	22,478	19,733	84,667
1973...	7,414	6,691	6,716	6,342	5,997	9,327	8,180	7,505	6,289	8,074	6,917	6,041	20,821	21,666	21,974	21,032	85,493
1974...	8,113	6,826	6,613	7,375	6,104	10,110	9,285	8,874	7,790	7,965	7,600	7,260	21,552	23,589	25,949	22,825	93,915
1975...																	
1976...																	
617. DEFENSE DEPARTMENT GROSS OBLIGATIONS INCURRED, TOTAL, SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)																	
																	TOTAL FOR PERIOD
1949...	...	...	...	...	...	...	619	995	1,286	989	1,268	1,435	...	...	2,900	3,692	
1950...	977	1,043	960	1,438	1,621	1,609	2,479	2,905	2,834	3,935	2,410	3,593	2,980	4,668	8,218	9,938	
1951...	7,048	4,987	5,158	3,698	5,011	5,458	4,933	3,573	3,851	5,114	11,241	4,136	17,193	14,167	12,357	20,491	
1952...	5,601	4,484	4,544	3,980	5,501	5,362	6,191	5,782	4,520	3,190	3,091	6,208	14,629	14,843	16,493	12,489	
1953...	4,003	3,997	3,889	4,059	2,272	1,841	2,040	2,409	2,289	2,459	2,545	1,850	11,889	8,172	6,738	6,854	
1954...	2,095	3,074	1,966	2,539	3,024	3,070	2,563	2,597	3,493	3,890	2,944	2,788	7,135	8,633	8,653	9,622	
1955...	2,295	2,342	2,506	2,704	2,271	2,533	2,334	1,133	3,552	2,703	2,857	4,320	7,143	7,508	7,019	9,880	
1956...	3,585	3,125	4,131	3,424	3,528	4,225	3,592	4,882	3,502	3,479	3,566	3,986	10,841	11,177	11,976	11,031	
1957...	3,522	3,877	3,192	3,521	3,094	2,462	3,177	3,259	3,267	3,216	3,718	3,790	10,591	9,477	9,703	10,724	
1958...	3,834	3,664	4,252	3,985	4,480	4,271	3,951	3,634	3,719	4,910	3,800	3,898	11,750	12,736	11,284	12,608	
1959...	3,792	3,887	3,929	3,735	3,842	3,870	3,552	3,658	3,968	4,118	3,709	3,208	11,608	11,447	11,178	11,035	
1960...	3,447	3,554	3,592	3,483	3,901	3,882	4,973	3,897	3,689	3,620	4,042	3,689	10,593	11,266	12,759	11,351	
1961...	3,857	4,332	3,752	3,840	3,803	3,853	3,924	3,335	4,785	4,303	4,096	4,780	11,941	11,496	14,044	13,179	
1962...	4,473	4,349	4,616	4,764	4,199	4,099	4,925	4,312	4,155	4,787	4,866	4,249	13,438	13,062	13,372	13,902	
1963...	4,731	4,485	4,374	4,139	4,390	4,856	4,639	4,556	4,265	5,442	4,164	4,277	13,590	13,385	13,460	13,883	
1964...	4,242	5,783	4,245	4,563	4,813	4,349	5,010	4,274	4,308	3,984	4,487	5,088	14,270	13,725	13,592	13,559	
1965...	4,421	4,276	4,599	4,575	4,720	4,446	4,888	5,017	5,110	5,345	5,225	5,599	13,296	13,741	15,015	16,169	
1966...	5,489	5,328	6,178	6,392	5,442	6,821	5,963	6,687	5,958	6,037	6,136	6,328	16,995	18,655	18,608	18,501	
1967...	6,589	6,659	6,495	6,746	7,439	6,838	6,427	6,625	7,267	7,258	6,667	6,815	19,743	17,023	20,319	20,740	
1968...	6,688	7,212	6,841	7,013	7,067	7,481	7,317	7,638	8,244	7,256	7,183	7,011	20,541	21,561	23,199	21,450	
1969...	7,378	7,097	6,860	6,556	6,632	6,324	6,887	6,680	6,490	6,830	7,150	6,838	21,335	19,512	20,057	20,818	
1970...	6,906	6,489	6,766	6,683	6,556	6,491	6,793	6,357	6,583	6,368	7,033	6,942	20,161	19,730	19,733	20,343	
1971...	6,796	7,261	6,753	6,752	6,990	6,389	7,462	6,763	6,249	7,333	6,683	7,432	20,810	20,131	20,474	21,448	
1972...	7,604	6,951	6,898	7,267	6,825	6,866	7,173	7,613	6,824	7,015	7,109	6,708	21,453	20,958	21,610	20,832	
1973...	8,827	7,283	7,362	8,065	7,275	6,992	7,312	6,932	6,790	7,671	7,315	6,850	21,472	21,132	21,034	21,836	
1974...	7,527	7,398	7,485	7,762	7,187	8,166	7,983	8,279	8,179	7,681	8,211	8,116	22,410	23,115	24,441	24,008	
1975...																	
1976...																	

NOTE: These series contain no revisions but are reprinted for the convenience of the user.

(June 1976)

Appendix C. HISTORICAL DATA—Continued

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	
617. DEFENSE DEPARTMENT GROSS OBLIGATIONS INCURRED, TOTAL, 6-MONTH MOVING AVERAGE OF SEASONALLY ADJUSTED DATA (MILLIONS OF DOLLARS)																	
1949...	...	...	...	...	...	...	...	...	...	1,099	1,158	1,166					
1950...	1,112	1,187	1,246	1,275	1,525	1,835	2,148	2,564	2,895	3,026	3,787	4,134					
1951...	4,522	4,482	4,916	5,227	4,874	4,638	4,421	4,657	5,695	5,475	5,586	5,738					
1952...	5,853	5,664	4,708	4,912	5,010	5,227	5,223	5,091	4,689	4,830	4,466	4,168					
1953...	4,063	4,208	4,071	3,343	3,016	2,752	2,485	2,218	2,764	2,265	2,274	2,385					
1954...	2,331	2,345	2,425	2,628	2,706	2,627	2,881	3,106	3,093	3,046	3,001	2,959					
1955...	2,794	2,597	2,484	2,442	2,448	2,247	2,421	2,421	2,519	2,816	3,025	3,357					
1956...	3,454	3,574	3,686	3,670	3,671	3,964	3,859	3,868	3,874	3,834	3,823	3,655					
1957...	3,604	3,611	3,532	3,345	3,287	3,184	3,197	3,146	3,250	3,405	3,514	3,582					
1958...	3,746	3,874	4,001	4,081	4,097	4,092	4,003	4,158	4,044	3,982	3,959	4,001					
1959...	4,036	3,840	3,847	3,843	3,803	3,764	3,771	3,835	3,815	3,702	3,685	3,667					
1960...	3,605	3,499	3,531	3,643	3,898	3,955	4,001	4,024	4,047	4,015	3,829	3,901					
1961...	3,882	3,919	3,879	3,906	3,917	4,085	4,257	4,334	4,383	4,537	4,628	4,464					
1962...	4,436	4,513	4,530	4,417	4,492	4,486	4,406	4,410	4,521	4,546	4,513	4,542					
1963...	4,582	4,474	4,395	4,496	4,481	4,492	4,474	4,691	4,654	4,557	4,491	4,696					
1964...	4,692	4,546	4,654	4,666	4,794	4,542	4,553	4,456	4,402	4,525	4,427	4,427					
1965...	4,476	4,574	4,613	4,506	4,584	4,707	4,793	4,921	5,005	5,197	5,298	5,349					
1966...	5,527	5,702	5,738	5,942	6,021	6,247	6,211	6,152	6,267	6,185	6,289	6,285					
1967...	6,374	6,492	6,710	6,794	6,767	6,762	6,890	6,976	6,947	6,843	6,887	6,985					
1968...	6,880	6,840	6,906	7,017	7,122	7,193	7,460	7,500	7,520	7,441	7,452	7,361					
1969...	7,131	7,014	6,922	6,808	6,726	6,656	6,595	6,640	6,727	6,812	6,815	6,784					
1970...	6,830	6,805	6,706	6,648	6,630	6,608	6,577	6,525	6,604	6,679	6,680	6,630					
1971...	6,921	6,923	6,923	6,924	6,924	6,924	6,924	6,924	6,924	6,924	6,924	6,924					
1972...	7,150	7,139	7,163	7,068	6,997	7,107	7,095	7,053	7,100	7,074	7,016	6,961					
1973...	7,051	7,026	7,053	7,101	7,181	7,123	7,028	7,162	7,169	7,145	7,181	7,259					
1974...	7,374	7,390	7,368	7,588	7,664	7,810	7,926	7,912	8,083	8,075	7,968	7,832					
1975...																	
1976...																	
619. DEFENSE DEPARTMENT GROSS OBLIGATIONS INCURRED, OPERATIONS, NOT SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)																	
												TOTAL FOR PERIOD					
1959...	...	...	...	...	...	...	2,180	1,904	2,040	1,957	1,845	1,919	...	...	6,124	5,721	...
1960...	1,877	1,768	1,846	2,031	1,784	2,201	2,184	2,026	2,021	1,973	1,935	1,918	5,591	6,016	6,231	5,826	23,664
1961...	1,996	1,824	2,003	2,013	1,905	2,268	2,213	2,122	2,214	2,275	2,096	2,164	5,823	6,186	6,549	6,535	25,093
1962...	2,183	2,032	2,173	2,237	2,143	2,461	2,464	2,324	2,136	2,151	2,110	2,071	6,388	6,743	6,882	6,429	26,485
1963...	2,228	1,866	2,057	2,225	2,087	2,376	2,627	2,248	2,185	2,459	2,174	2,205	6,251	6,688	7,060	6,838	26,837
1964...	2,362	2,136	2,242	2,361	2,146	2,694	2,838	2,391	2,373	2,474	2,263	2,334	6,740	7,201	7,602	7,071	28,614
1965...	2,394	2,175	2,382	2,463	2,288	2,862	2,944	2,648	2,711	2,787	2,721	2,739	6,951	7,613	8,303	8,247	31,114
1966...	2,621	2,545	2,961	3,039	2,864	3,701	3,480	3,622	3,325	3,262	3,236	3,204	8,327	9,604	10,427	9,702	38,060
1967...	3,495	3,226	3,508	3,664	3,531	4,239	3,700	3,835	3,689	3,776	3,374	3,663	10,229	11,434	11,224	10,813	43,700
1968...	3,798	3,435	3,487	3,799	3,707	4,976	4,571	4,021	4,249	4,340	3,548	3,628	10,720	12,692	12,641	11,516	47,359
1969...	4,537	3,521	3,731	4,047	3,881	4,764	4,816	4,217	4,856	4,415	3,839	3,820	11,789	12,692	12,989	12,074	49,544
1970...	4,210	3,628	3,828	4,372	4,010	4,848	4,590	4,053	4,016	4,327	3,716	3,804	11,666	13,230	12,659	11,847	49,402
1971...	4,249	3,629	3,933	4,340	3,834	4,808	4,843	4,146	3,953	4,454	3,905	3,987	11,811	12,982	12,942	12,346	50,081
1972...	4,623	3,990	4,170	4,437	4,084	5,110	4,933	4,559	4,345	4,647	4,193	4,027	12,783	13,631	13,837	12,867	53,118
1973...	4,688	4,097	4,174	4,522	4,195	5,122	5,334	4,634	4,201	5,024	4,346	4,133	12,959	13,839	14,169	13,503	54,470
1974...	4,891	4,187	4,377	4,982	4,434	6,170	5,901	5,224	4,771	5,394	4,471	4,826	13,555	15,586	15,896	14,691	59,728
1975...																	
1976...																	
619. DEFENSE DEPARTMENT GROSS OBLIGATIONS INCURRED, OPERATIONS, SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)																	
												TOTAL FOR PERIOD					
1959...	...	...	...	...	...	...	1,947	1,953	1,986	1,907	1,957	1,935	...	...	5,886	5,799	...
1960...	1,913	1,907	1,972	1,999	1,928	1,992	2,002	1,958	1,969	1,968	1,986	1,967	5,793	5,919	5,969	5,921	...
1961...	2,020	2,029	2,035	2,026	2,024	2,041	2,050	2,072	2,194	2,220	2,173	2,164	6,084	6,091	6,322	6,442	...
1962...	2,164	2,258	2,249	2,246	2,266	2,231	2,235	2,272	2,175	2,058	2,181	2,190	6,671	6,743	6,682	6,429	...
1963...	2,195	2,190	2,157	2,201	2,206	2,187	2,332	2,224	2,221	2,343	2,272	2,299	6,542	6,594	6,777	6,914	...
1964...	2,320	2,328	2,342	2,340	2,333	2,396	2,507	2,414	2,338	2,404	2,401	2,390	6,990	7,069	7,259	7,195	...
1965...	2,418	2,439	2,442	2,436	2,523	2,493	2,645	2,612	2,700	2,749	2,826	2,814	7,299	7,452	7,957	8,389	...
1966...	2,882	2,857	3,026	3,039	3,101	3,241	3,168	3,502	3,299	3,270	3,321	3,351	8,765	9,381	9,969	9,942	...
1967...	3,506	3,629	3,578	3,743	3,756	3,691	3,413	3,693	3,696	3,721	3,497	3,878	10,713	11,190	10,402	11,096	...
1968...	3,745	3,737	3,657	3,776	3,927	4,171	3,884	3,938	4,318	4,184	3,707	3,822	11,139	12,174	12,140	11,713	...
1969...	4,430	4,024	4,080	3,975	4,060	4,145	4,269	4,168	4,008	4,123	4,142	4,078	12,534	12,180	12,445	12,343	...
1970...	4,160	4,146	4,136	4,290	4,241	4,160	4,073	4,063	4,013	4,089	4,017	4,006	12,442	12,692	12,149	12,112	...
1971...	4,254	4,152	4,207	4,267	4,109	4,050	4,265	4,122	4,031	4,252	4,225	4,257	12,613	12,426	12,418	12,734	...
1972...	4,572	4,338	4,375	4,361	4,323	4,396	4,410	4,456	4,516	4,419	4,488	4,456	13,285	13,080	13,382	13,363	...
1973...	4,494	4,656	4,427	4,445	4,593	4,471	4,679	4,552	4,429	4,716	4,652	4,643	13,577	13,309	13,660	14,011	...
1974...	4,714	4,758	4,699	4,804	4,662	5,466	5,110	5,203	5,040	4,999	4,786	5,334	14,171	14,932	15,353	15,119	...
1975...																	
1976...																	
621. DEFENSE DEPARTMENT GROSS OBLIGATIONS INCURRED, PROCUREMENT, NOT SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)																	
												TOTAL FOR PERIOD					
1953...	...	...	...	...	...	...	290	96	187	140	256	-244	...	...	573	152	...
1954...	-77	632	272	228	583	1,960	560	291	1,335	1,467	555	2,171	827	2,771	2,186	4,193	9,977
1955...	98	425	861	716	254	917	100	-1,025	1,458	165	348	2,348	1,384	1,887	533	2,861	6,665
1956...	909	571	2,642	826	836	3,713	687	1,840	1,205	846	1,032	2,141	4,122	5,375	3,732	4,019	17,248
1957...	815	1,073	1,693	1,001	582	775	249	633	1,230	638	1,234	2,261	3,581	3,158	2,152		

Appendix C. HISTORICAL DATA—Continued

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	
621. DEFENSE DEPARTMENT GROSS OBLIGATIONS INCURRED, PROCUREMENT, SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)																	
													TOTAL FOR PERIOD				
1953...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1954...	34	740	14	386	758	1,067	1,064	172	200	206	304	-518	788	2,211	842	-8	3,891
1955...	320	625	514	861	405	305	474	-872	1,489	324	466	1,531	1,459	1,571	1,091	2,321	3,538
1956...	1,278	781	1,739	1,118	1,158	1,767	1,735	2,424	1,250	1,051	1,196	1,291	3,798	4,043	5,409	3,538	3,538
1957...	1,140	1,407	1,117	1,347	802	744	707	827	1,265	786	1,418	1,327	3,664	2,893	2,799	3,531	3,531
1958...	1,637	1,232	1,669	1,619	2,042	1,580	1,404	891	1,121	2,291	1,238	1,545	4,538	5,241	3,416	5,074	5,074
1959...	1,330	1,362	1,371	1,398	1,381	1,425	1,202	870	1,319	1,517	1,124	929	4,063	4,204	3,391	3,570	3,570
1960...	937	1,104	1,020	983	1,488	1,397	2,204	1,256	1,256	945	1,468	1,096	3,061	3,868	4,716	3,509	3,509
1961...	1,277	1,555	1,230	1,047	1,220	1,390	1,181	2,278	1,933	1,354	1,286	1,773	4,062	3,657	5,392	4,413	4,413
1962...	1,758	1,228	1,410	1,791	1,039	1,311	1,657	1,395	1,040	1,675	1,787	1,205	4,396	4,141	4,092	4,667	4,667
1963...	1,586	1,206	1,366	1,215	1,358	1,363	1,132	1,700	1,207	2,010	1,094	1,273	4,158	3,936	4,039	4,377	4,377
1964...	1,075	1,843	1,237	1,389	1,910	1,079	1,494	803	1,141	889	1,089	1,747	4,155	4,378	3,438	3,725	3,725
1965...	1,005	700	1,355	1,444	1,402	1,254	1,128	1,741	1,732	1,733	1,212	1,882	3,060	4,100	4,601	4,827	4,827
1966...	1,639	1,736	1,904	2,109	1,620	2,415	1,753	2,251	1,866	1,931	1,723	1,937	5,279	6,144	5,870	5,591	5,591
1967...	2,296	2,140	1,903	1,754	2,480	2,290	1,633	1,925	2,958	2,735	2,173	1,846	6,339	6,524	6,516	6,754	6,754
1968...	2,360	2,865	1,985	2,161	2,299	2,077	2,323	2,804	3,254	2,298	2,520	1,959	7,210	6,537	8,361	6,777	6,777
1969...	2,088	2,075	1,701	1,638	1,528	1,550	1,447	1,476	1,752	1,867	1,820	2,103	5,864	4,716	4,675	5,790	5,790
1970...	1,807	1,523	1,669	1,559	1,486	1,771	1,825	1,332	1,542	1,459	1,851	1,803	4,999	4,816	4,699	5,113	5,113
1971...	1,871	1,839	1,486	1,788	1,554	1,389	2,314	1,662	1,413	1,915	1,624	1,958	5,196	4,731	5,389	5,497	5,497
1972...	2,329	1,755	1,744	1,660	1,448	1,670	1,949	2,158	1,432	1,507	1,617	1,274	5,828	4,778	5,539	4,398	4,398
1973...	1,631	1,838	1,704	1,349	1,730	1,633	1,483	1,676	1,099	1,788	1,771	1,149	5,173	4,712	4,258	4,708	4,708
1974...	2,077	1,708	1,642	2,040	1,330	1,412	1,919	1,692	1,842	1,446	2,349	1,431	5,427	4,782	5,453	5,226	5,226
1975...																	
1976...																	
621. DEFENSE DEPARTMENT GROSS OBLIGATIONS INCURRED, PROCUREMENT, 6-MONTH MOVING AVERAGE OF SEASONALLY ADJUSTED DATA (MILLIONS OF DOLLARS)																	
1953...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1954...	130	160	236	500	672	630	856	1,067	1,054	1,136	1,012	1,034					
1955...	892	760	714	505	531	281	444	354	364	569	703	978					
1956...	1,020	1,152	1,268	1,307	1,383	1,657	1,575	1,564	1,571	1,491	1,392	1,223					
1957...	1,200	1,250	1,184	1,093	1,021	924	949	855	958	1,055	1,210	1,278					
1958...	1,345	1,484	1,588	1,630	1,591	1,534	1,443	1,555	1,421	1,415	1,403	1,481					
1959...	1,523	1,374	1,398	1,378	1,357	1,275	1,266	1,286	1,243	1,160	1,116	1,155					
1960...	1,105	1,016	1,077	1,155	1,366	1,391	1,431	1,424	1,421	1,371	1,216	1,266					
1961...	1,262	1,279	1,258	1,287	1,271	1,391	1,508	1,559	1,570	1,634	1,730	1,555					
1962...	1,468	1,541	1,500	1,423	1,406	1,434	1,372	1,353	1,478	1,460	1,448	1,417					
1963...	1,471	1,394	1,323	1,349	1,273	1,356	1,329	1,462	1,418	1,403	1,393	1,417					
1964...	1,422	1,319	1,455	1,422	1,492	1,319	1,303	1,219	1,083	1,194	1,112	1,095					
1965...	1,131	1,223	1,276	1,193	1,214	1,387	1,450	1,498	1,467	1,571	1,657	1,656					
1966...	1,684	1,747	1,815	1,904	1,923	2,009	2,002	1,973	1,990	1,910	2,001	1,986					
1967...	1,988	1,959	2,085	2,144	2,033	1,998	2,173	2,337	2,286	2,212	2,333	2,490					
1968...	2,327	2,232	2,253	2,291	2,285	2,275	2,483	2,506	2,543	2,523	2,484	2,362					
1969...	2,107	1,997	1,832	1,764	1,657	1,557	1,565	1,603	1,652	1,744	1,804	1,812					
1970...	1,798	1,747	1,691	1,636	1,639	1,607	1,586	1,569	1,630	1,635	1,643	1,728					
1971...	1,718	1,773	1,724	1,654	1,728	1,699	1,687	1,708	1,719	1,817	1,817	1,832					
1972...	1,887	1,816	1,781	1,768	1,704	1,771	1,719	1,694	1,722	1,656	1,603	1,550					
1973...	1,595	1,569	1,588	1,648	1,623	1,596	1,495	1,568	1,575	1,494	1,593	1,599					
1974...	1,689	1,731	1,658	1,702	1,675	1,672	1,706	1,607	1,777	1,780	1,697	1,667					
1975...																	
1976...																	
623. GROSS OBLIGATIONS INCURRED OUTSIDE THE FEDERAL GOVERNMENT FOR NATIONAL DEFENSE, SEASONALLY ADJUSTED (MILLIONS OF DOLLARS)																	
													TOTAL FOR PERIOD				
1963...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1964...	4,616	6,094	4,680	4,226	4,606	4,585	3,801	4,458	4,703	4,809	3,975	4,205	15,390	13,417	12,962	12,989	55,702
1965...	4,420	4,114	4,430	4,613	4,741	4,429	5,156	4,985	4,978	5,275	5,259	5,938	12,964	13,783	15,119	16,472	58,338
1966...	5,568	5,914	6,260	5,903	5,989	6,625	6,269	6,603	6,248	6,303	6,484	6,313	17,742	18,517	19,120	19,100	74,479
1967...	6,856	6,459	6,519	6,738	7,318	6,742	7,248	7,523	8,959	7,134	6,439	6,835	19,834	20,798	20,538	20,408	81,578
1968...	6,659	7,187	6,905	7,009	6,957	7,385	7,448	7,523	8,959	7,807	7,305	7,086	20,751	21,251	23,950	22,198	88,130
1969...	7,187	7,294	6,781	6,686	6,862	6,790	7,203	7,138	6,837	6,790	7,287	6,807	21,262	20,338	21,178	20,884	85,662
1970...	7,287	6,790	7,213	6,993	6,761	6,569	6,774	6,792	6,203	5,717	8,051	7,153	21,290	20,323	19,769	20,821	82,303
1971...	6,331	7,029	6,788	7,038	6,839	6,699	7,071	6,907	6,734	7,130	7,331	7,213	20,148	20,576	20,712	21,674	83,110
1972...	8,256	7,168	7,294	7,401	7,196	7,037	7,335	7,867	6,707	6,923	8,416	6,977	22,718	21,634	21,909	22,316	88,577
1973...	6,496	8,706	7,421	6,986	7,098	6,877	7,773	7,441	7,588	8,935	7,417	6,396	22,623	20,961	22,802	22,748	89,134
1974...	8,264	7,874	7,819	8,270	7,647	8,534	8,526	9,202	9,326	8,503	8,963	8,139	23,957	24,451	27,054	25,605	101,067
1975...																	
1976...																	
623. GROSS OBLIGATIONS INCURRED OUTSIDE THE FEDERAL GOVERNMENT FOR NATIONAL DEFENSE, 6-MONTH MOVING AVERAGE OF SEASONALLY ADJUSTED DATA (MILLIONS OF DOLLARS)																	
1963...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1964...	4,730	4,633	4,738	4,801	4,781	4,516	4,490	4,515	4,516	4,325	4,461	4,734	4,483	4,470	4,405		
1965...	4,390	4,429	4,450	4,458	4,581	4,726	4,817	4,927	5,014	5,265	5,334	5,489					
1966...	5,702	5,807	5,929	6,043	6,160	6,275	6,273	6,340	6,422	6,370	6,468	6,444					
1967...	6,489	6,562	6,701	6,772	6,752	6,766	6,889	6,955	6,809	6,824	6,812	6,819					
1968...	6,860	6,839	6,909	7,000	7,132	7,188	7,530	7,663	7,738	7,688	7,645	7,606					
1969...	7,243	7,057	6,983	6,933	6,936	6,											

Appendix C. HISTORICAL DATA—Continued

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	
643. DEFENSE DEPARTMENT GROSS UNPAID OBLIGATIONS OUTSTANDING, TOTAL, NOT SEASONALLY ADJUSTED (HILLIONS OF DOLLARS)																	
END OF PERIOD																	
1953...	...	...	...	...	...	51,271	50,652	49,497	47,609	45,398	43,679	40,571	...	...	...	...	...
1954...	38,361	37,777	36,226	35,291	34,421	33,768	34,133	33,387	33,643	33,538	32,941	33,551	36,226	33,768	33,643	33,551	40,571
1955...	32,222	30,605	30,180	29,729	28,093	27,188	26,180	24,196	24,126	23,418	22,504	23,608	30,180	27,188	24,126	23,608	23,608
1956...	23,644	23,140	24,624	24,732	24,157	25,822	...	...	26,754	26,089	25,764	26,704	24,624	25,822	26,754	26,704	26,704
1957...	26,135	25,916	26,155	25,909	24,832	25,232	...	...	...	22,085	21,786	22,150	26,155	25,232	...	...	22,150
1958...	21,853	21,408	22,302	22,654	22,747	25,135	...	24,269	24,026	23,802	23,517	23,803	22,302	25,135	24,026	23,803	23,803
1959...	23,450	23,097	23,540	23,273	22,875	24,343	...	23,257	23,054	22,690	22,301	21,664	23,540	24,343	23,054	21,664	21,664
1960...	21,358	20,909	21,033	20,726	20,260	23,116	...	23,643	23,769	23,390	23,359	23,026	21,033	23,116	23,769	23,026	23,026
1961...	22,749	22,695	22,748	22,509	21,435	22,662	...	23,605	24,496	24,726	24,242	24,792	22,748	22,662	24,496	24,792	24,792
1962...	24,682	24,261	24,437	24,465	23,216	24,048	...	24,805	24,783	25,136	25,203	24,796	24,437	24,048	24,783	24,796	24,796
1963...	24,654	24,085	23,748	23,106	21,831	22,573	...	...	...	...	...	23,419	23,748	22,573	...	...	23,419
1964...	23,141	23,539	23,170	22,992	22,575	22,790	...	...	24,089	23,744	23,503	23,624	23,170	22,790	24,089	23,624	23,624
1965...	23,575	23,161	23,106	23,120	22,927	24,429	...	...	...	27,071	27,079	27,094	23,106	24,429	...	...	27,094
1966...	27,357	27,151	27,476	28,709	28,685	31,838	...	...	35,554	35,066	35,711	35,450	27,476	31,838	35,554	35,450	35,450
1967...	35,385	35,040	34,420	34,202	34,702	37,267	...	36,793	38,163	38,547	37,641	37,366	34,420	37,267	38,163	37,366	37,366
1968...	36,653	36,454	36,140	35,733	35,590	38,306	...	39,691	41,778	41,906	40,970	39,904	36,140	38,306	41,678	39,904	39,904
1969...	40,124	38,873	37,472	36,150	34,791	35,232	...	34,620	34,857	34,530	33,702	33,109	37,472	35,232	34,857	33,109	33,109
1970...	33,147	31,913	30,770	29,740	28,583	30,510	...	30,372	30,986	30,832	30,807	30,408	30,770	30,510	30,986	30,408	30,408
1971...	30,905	31,098	30,144	29,846	29,170	28,554	...	31,286	32,376	32,619	32,110	31,388	30,144	28,554	31,376	31,388	31,388
1972...	33,734	33,554	32,880	32,152	30,675	31,347	32,446	33,684	34,563	35,251	35,009	34,601	32,880	31,347	34,563	34,601	34,601
1973...	35,171	35,287	34,766	34,297	33,409	34,621	35,500	37,069	36,629	38,039	37,680	37,244	34,766	34,621	36,629	37,244	37,244
1974...	38,249	37,963	37,429	37,264	35,601	37,545	39,626	40,594	41,055	41,201	40,949	40,407	37,249	37,545	41,055	40,407	40,407
1975...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1976...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
643. DEFENSE DEPARTMENT GROSS UNPAID OBLIGATIONS OUTSTANDING, TOTAL, SEASONALLY ADJUSTED (HILLIONS OF DOLLARS)																	
END OF PERIOD																	
1953...	...	...	...	...	...	51,118	50,051	49,349	47,419	45,535	44,707	40,050	...	51,118	47,419	40,050	40,050
1954...	38,361	38,587	35,974	34,907	34,769	33,567	33,695	33,287	33,412	33,673	33,716	33,186	35,974	33,567	33,412	33,186	33,186
1955...	32,254	31,293	30,030	29,435	28,405	26,919	25,793	24,076	23,911	23,512	23,034	23,374	30,030	26,919	23,911	23,374	23,374
1956...	23,715	23,685	24,526	24,536	24,475	25,440	...	...	26,463	26,168	26,344	26,518	24,526	25,440	26,463	26,518	26,518
1957...	26,293	26,581	26,129	25,857	25,287	24,762	...	...	...	22,107	22,140	22,062	26,129	24,762	...	...	22,062
1958...	22,051	21,957	22,369	22,768	23,330	24,666	...	23,910	23,555	23,684	23,755	23,755	22,369	24,666	23,555	23,755	23,755
1959...	23,663	23,641	23,682	23,532	23,656	24,007	...	22,846	22,557	22,452	22,323	21,599	23,682	24,007	22,557	21,599	21,599
1960...	21,509	21,314	21,203	21,042	21,148	22,955	...	23,225	23,758	23,022	23,220	22,866	21,203	22,955	23,225	22,866	22,866
1961...	22,795	23,041	22,931	22,718	22,539	22,707	...	23,210	23,945	24,241	23,955	24,522	22,931	22,707	23,945	24,522	24,522
1962...	24,633	24,506	24,659	24,939	24,515	24,242	...	24,463	24,179	24,547	24,831	24,430	24,659	24,242	24,179	24,430	24,430
1963...	24,531	24,304	24,036	23,602	23,126	22,824	...	...	...	...	...	23,050	24,036	22,824	...	...	23,050
1964...	23,003	23,777	23,595	23,557	23,914	23,043	...	...	23,365	23,008	23,042	23,275	23,595	23,043	23,365	23,275	23,275
1965...	23,434	23,466	23,698	23,782	24,261	24,651	...	...	...	26,105	26,496	26,746	23,698	24,651	...	...	26,746
1966...	27,275	27,621	28,355	29,597	30,322	32,030	...	...	34,154	34,583	34,942	35,064	28,355	32,030	34,154	35,064	35,064
1967...	35,350	35,719	35,668	35,296	36,683	37,417	...	36,249	36,625	36,993	36,831	37,033	35,668	37,417	36,625	37,033	37,033
1968...	36,616	37,236	37,490	36,914	37,622	38,421	...	39,104	39,660	40,178	40,127	39,587	37,490	38,421	39,660	39,587	39,587
1969...	39,531	39,147	38,472	37,656	36,855	35,445	...	34,414	33,613	33,234	32,912	32,781	38,472	35,445	33,613	32,781	32,781
1970...	32,561	32,041	31,494	30,979	30,279	30,787	...	30,221	29,938	29,703	30,085	30,077	31,494	30,787	29,938	30,077	30,077
1971...	30,181	30,851	30,541	30,737	31,098	29,077	...	31,069	30,671	31,546	31,450	31,046	30,541	29,077	30,671	31,046	31,046
1972...	32,879	32,832	32,742	32,976	32,772	32,417	33,109	33,350	33,985	34,026	34,255	34,225	32,742	32,417	33,985	34,225	34,225
1973...	34,280	34,426	34,976	35,140	35,693	35,877	36,188	36,666	36,285	36,682	36,869	36,839	34,976	35,877	36,285	36,839	36,839
1974...	37,280	37,001	37,436	38,141	38,076	38,947	40,435	40,152	40,488	39,731	40,068	40,047	37,436	38,947	40,488	40,047	40,047
1976...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
644. DEFENSE DEPARTMENT GROSS UNPAID OBLIGATIONS OUTSTANDING, OPERATIONS, NOT SEASONALLY ADJUSTED (HILLIONS OF DOLLARS)																	
END OF PERIOD																	
1966...	...	...	...	...	...	...	...	...	...	...	...	...	3,828	3,777	4,792	5,024	5,024
1967...	5,041	4,892	4,644	4,761	4,765	4,513	...	...	...	5,270	5,050	5,150	4,644	4,773	5,267	5,150	5,150
1968...	5,127	5,127	4,975	4,938	4,577	4,952	...	5,115	5,267	4,677	4,052	4,445	4,975	4,952	4,677	5,445	5,445
1969...	6,141	5,638	5,528	5,315	5,010	4,676	...	5,600	5,488	5,593	5,348	5,094	5,528	4,676	5,488	5,094	5,094
1970...	5,236	4,912	4,726	4,631	4,403	4,490	...	5,095	5,015	5,224	5,082	4,764	4,726	4,490	5,015	4,764	4,764
1971...	5,072	4,791	4,479	4,554	4,342	4,077	...	5,186	5,092	5,586	5,366	4,933	4,479	4,077	5,092	4,933	4,933
1972...	5,305	5,021	4,635	4,439	3,891	4,211	4,739	5,043	5,349	5,845	5,671	5,438	4,635	4,211	5,349	5,438	5,438
1973...	5,741	5,589	5,273	5,424	5,227	5,301	6,200	6,754	6,719	7,519	7,193	7,064	5,273	5,301	6,719	7,064	7,064
1974...	7,425	7,055	6,779	7,044	6,476	7,373	8,149	8,426	8,511	8,607	7,906	7,654	6,779	7,373	8,511	7,654	7,654
1975...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1976...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
644. DEFENSE DEPARTMENT GROSS UNPAID OBLIGATIONS OUTSTANDING, OPERATIONS, SEASONALLY ADJUSTED (HILLIONS OF DOLLARS)																	
END OF PERIOD																	
1966...	...	...	...	...	...	...	...	...	...	...	...	...	3,817	4,101	4,661	4,794	4,794
1967...	4,829	4,887	4,822	5,001	5,208	5,042	...	4,876	4,946	4,804	4,846	5,119	4,822	5,042	4,946	5,119	

Appendix C. HISTORICAL DATA—Continued

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	
645. DEFENSE DEPARTMENT GROSS UNPAID OBLIGATIONS OUTSTANDING, PROCUREMENT, SEASONALLY ADJUSTED (BILLIONS OF DOLLARS)													END OF PERIOD				
1966...	...	...	...	...	...	...	...	...	...	...	...	...	18,187	22,617	22,817	22,368	22,368
1967...	22,882	23,121	23,340	23,604	24,028	24,753	...	24,336	24,770	24,770	24,420	24,273	23,340	24,753	24,270	24,273	24,273
1968...	23,834	24,120	24,695	24,997	25,518	25,704	...	26,414	26,668	26,613	26,318	26,008	24,695	25,704	26,668	26,008	26,008
1969...	25,875	25,524	24,987	24,574	23,623	23,738	...	21,638	21,186	20,894	20,541	20,477	24,987	23,738	21,186	20,477	20,477
1970...	20,526	20,172	19,684	19,324	18,684	19,011	...	18,259	18,325	18,146	18,257	18,235	19,684	19,011	18,325	18,235	18,235
1971...	18,395	18,553	18,485	18,660	18,640	18,266	...	19,265	19,040	19,559	18,886	20,208	18,485	18,266	19,040	20,208	20,208
1972...	21,131	21,364	21,680	21,774	21,578	20,692	...	20,820	21,347	21,280	21,537	21,663	21,680	20,692	21,280	21,634	21,634
1973...	21,718	21,853	22,291	22,244	22,585	22,558	...	22,620	22,960	22,556	22,656	22,763	22,291	22,558	22,556	22,615	22,615
1974...	23,143	23,175	23,634	23,970	23,987	23,756	...	24,014	24,351	24,703	24,357	25,022	23,634	23,756	24,703	25,024	25,024
1975...																	
1976...																	
653. AVERAGE WEEKLY OVERTIME HOURS, PRODUCTION WORKERS, DEFENSE PRODUCTS INDUSTRIES, NOT SEASONALLY ADJUSTED (HOURS)													AVERAGE FOR PERIOD				
1958...	1.6	1.5	1.5	1.4	1.5	1.6	1.8	2.0	2.3	2.4	2.2	2.3	1.5	1.5	2.0	2.3	1.8
1959...	2.2	2.0	2.0	2.0	2.2	2.3	2.2	2.2	2.4	2.3	2.2	2.4	2.1	2.2	2.3	2.3	2.2
1960...	2.4	2.3	2.2	1.6	2.1	2.2	1.9	2.3	2.4	2.5	2.5	2.4	2.3	2.0	2.2	2.6	2.3
1961...	2.3	2.3	2.1	2.0	1.8	1.9	1.9	2.1	2.5	2.4	2.8	3.0	2.2	1.9	2.2	2.7	2.3
1962...	2.8	2.5	2.8	2.5	2.5	2.4	2.3	2.5	2.9	2.8	2.8	3.0	2.7	2.5	2.6	2.9	2.6
1963...	2.6	2.5	2.2	1.7	2.1	2.3	2.2	2.4	2.6	2.5	2.4	2.5	2.4	2.0	2.4	2.5	2.3
1964...	2.2	2.1	2.0	2.0	1.9	2.2	2.1	2.3	2.5	2.6	2.6	2.8	2.1	2.0	2.3	2.7	2.3
1965...	2.5	2.3	2.4	1.8	2.5	2.8	2.8	3.4	3.5	3.7	4.3	4.5	2.4	2.4	3.2	4.2	3.0
1966...	4.7	4.3	4.3	4.0	4.4	4.3	4.1	4.4	4.5	4.3	4.5	4.3	4.4	4.2	4.3	4.4	4.3
1967...	4.0	3.9	3.8	3.6	3.7	3.4	3.7	3.9	4.2	3.9	4.2	4.2	3.9	3.6	3.9	4.1	3.9
1968...	3.8	3.7	3.3	2.5	3.3	3.5	3.3	3.4	3.6	3.4	3.5	3.8	3.6	3.1	3.4	3.6	3.4
1969...	3.1	3.1	3.1	2.4	2.9	3.1	3.0	3.2	3.4	3.2	3.6	3.8	3.1	2.9	3.2	3.5	3.2
1970...	3.4	2.8	2.7	2.5	2.5	2.7	2.3	2.5	2.4	2.5	2.6	2.7	3.0	2.6	2.4	2.6	2.6
1971...	2.3	2.0	2.1	1.8	1.9	2.2	2.0	2.4	2.6	2.6	2.6	2.8	2.1	2.0	2.3	2.7	2.3
1972...	2.4	2.5	2.7	2.5	2.4	2.8	2.4	2.7	3.2	3.0	3.1	3.3	2.5	2.6	2.8	3.1	2.8
1973...	2.9	3.0	2.9	2.8	2.9	2.8	2.7	2.8	3.4	3.2	3.6	3.7	2.9	2.8	3.0	3.5	3.1
1974...	2.9	2.7	2.8	2.1	2.8	3.0	2.7	2.8	2.9	2.8	2.9	3.0	2.8	2.6	2.8	2.9	2.8
1975...																	
1976...																	
653. AVERAGE WEEKLY OVERTIME HOURS, PRODUCTION WORKERS, DEFENSE PRODUCTS INDUSTRIES, SEASONALLY ADJUSTED (HOURS)													AVERAGE FOR PERIOD				
1958...	1.5	1.5	1.6	1.6	1.7	1.7	2.0	2.0	2.1	2.2	2.1	2.0	1.5	1.7	2.0	2.1	1.5
1959...	2.1	2.0	2.1	2.2	2.4	2.4	2.4	2.2	2.2	2.1	2.1	2.1	2.1	2.3	2.3	2.1	2.1
1960...	2.3	2.3	2.3	1.8	2.3	2.3	2.1	2.4	2.2	2.3	2.3	2.4	2.3	2.1	2.2	2.3	2.3
1961...	2.2	2.3	2.2	2.2	2.0	2.0	2.2	2.2	2.3	2.2	2.6	2.6	2.2	2.1	2.2	2.5	2.5
1962...	2.7	2.5	2.9	2.7	2.8	2.5	2.6	2.5	2.7	2.6	2.6	2.6	2.7	2.7	2.6	2.6	2.6
1963...	2.5	2.5	2.3	2.0	2.4	2.4	2.5	2.4	2.4	2.3	2.1	2.1	2.4	2.3	2.4	2.2	2.2
1964...	2.1	2.1	2.1	2.3	2.2	2.3	2.4	2.3	2.3	2.4	2.3	2.4	2.1	2.3	2.3	2.4	2.4
1965...	2.4	2.4	2.5	2.1	2.8	2.9	3.0	3.4	3.3	3.5	4.0	4.1	2.4	2.6	3.2	3.9	3.9
1966...	4.6	4.4	4.5	4.4	4.6	4.5	4.3	4.4	4.2	4.2	4.2	3.9	4.5	4.5	4.3	4.1	4.1
1967...	3.9	4.0	4.0	4.0	3.9	3.5	3.9	3.9	3.9	3.8	3.9	3.7	4.0	3.8	3.9	3.8	3.8
1968...	3.8	3.8	3.5	2.9	3.5	3.6	3.5	3.4	3.5	3.3	3.2	3.3	3.7	3.3	3.4	3.3	3.3
1969...	3.1	3.2	3.2	3.2	3.2	3.1	3.2	3.2	3.1	3.1	3.3	3.3	3.2	3.2	3.2	3.2	3.2
1970...	3.4	2.9	2.8	2.9	2.8	2.7	2.6	2.5	2.3	2.4	2.3	2.3	3.0	2.8	2.4	2.3	2.3
1971...	2.3	2.1	2.2	2.1	2.2	2.2	2.3	2.4	2.3	2.5	2.3	2.4	2.2	2.2	2.3	2.4	2.4
1972...	2.4	2.6	2.8	2.8	2.7	2.8	2.7	2.7	2.9	2.9	2.8	2.9	2.6	2.8	2.8	2.9	2.9
1973...	3.0	3.1	3.0	3.1	3.2	2.8	3.0	2.8	3.1	3.1	3.3	3.3	3.0	3.0	3.0	3.2	3.2
1974...	3.0	2.8	2.9	2.4	3.1	3.0	3.0	2.8	2.6	2.7	2.6	2.6	2.9	2.8	2.8	2.6	2.6
1975...																	
1976...																	
653. AVERAGE WEEKLY OVERTIME HOURS, PRODUCTION WORKERS, DEFENSE PRODUCTS INDUSTRIES, 4-MONTH MOVING AVERAGE OF SEASONALLY ADJUSTED DATA ¹ (HOURS)																	
1958...	...	...	1.5	1.6	1.6	1.7	1.8	1.9	2.1	2.1	2.1	2.1					
1959...	2.0	2.0	2.1	2.2	2.3	2.3	2.3	2.3	2.2	2.1	2.1	2.1					
1960...	2.2	2.2	2.2	2.2	2.2	2.1	2.3	2.2	2.2	2.3	2.3	2.3					
1961...	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.3	2.4	2.5					
1962...	2.6	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6					
1963...	2.5	2.5	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.3	2.2	2.1					
1964...	2.1	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.4					
1965...	2.4	2.4	2.3	2.4	2.6	2.7	3.0	3.1	3.3	3.5	3.7	4.0					
1966...	4.3	4.4	4.5	4.5	4.5	4.4	4.4	4.3	4.3	4.2	4.1	4.0					
1967...	4.0	3.9	4.0	4.0	3.8	3.8	3.8	3.8	3.9	3.9	3.8	3.8					
1968...	3.8	3.7	3.5	3.4	3.4	3.4	3.5	3.4	3.4	3.3	3.3	3.2					
1969...	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.2	3.2	3.3					
1970...	3.2	3.1	3.0	2.8	2.8	2.8	2.6	2.5	2.4	2.3	2.3	2.3					
1971...	2.2	2.2	2.2	2.1	2.2	2.2	2.3	2.3	2.4	2.4	2.4	2.4					
1972...	2.4	2.5	2.6	2.7	2.8	2.8	2.7	2.7	2.8	2.8	2.9	2.9					
1973...	2.9	3.0	3.0	3.1	3.0	3.0	2.9	2.9	3.0	3.1	3.2	3.2					
1974...	3.1	3.0	2.8	2.8	2.8	2.9	3.0	2.8	2.8	2.7	2.6	2.6					
1975...																	
1976...																	

Note: Unless otherwise noted, these series contain no revisions but are reprinted for the convenience of the user.

¹This series is being shown for the first time.

(June 1976)

Appendix C. HISTORICAL DATA—Continued

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	
654. ACCESSION RATE, DEFENSE PRODUCTS INDUSTRIES, NOT SEASONALLY ADJUSTED ¹ (PER 100 EMPLOYEES)																	
AVERAGE FOR PERIOD																	
1958...	1.9	2.2	2.4	2.3	2.4	3.5	2.7	2.9	3.3	2.9	2.3	2.1	2.2	2.7	3.0	2.4	2.6
1959...	2.9	2.7	2.7	2.5	2.5	4.0	3.1	3.0	3.0	2.6	2.2	2.0	2.8	3.0	3.0	2.3	2.8
1960...	2.5	2.5	2.2	2.0	2.1	3.3	2.6	3.3	3.3	3.2	2.5	2.1	2.4	2.5	3.1	2.6	2.6
1961...	2.6	2.4	2.3	2.3	2.5	3.4	2.6	3.1	3.3	3.5	3.1	2.6	2.4	2.7	3.0	3.1	2.8
1962...	3.3	3.1	3.1	2.9	2.9	3.9	3.4	3.1	3.2	3.1	2.4	2.0	3.2	3.2	3.2	2.5	3.0
1963...	2.7	2.1	2.2	2.2	2.1	3.1	2.6	2.5	2.8	2.6	1.9	1.7	2.3	2.5	2.6	2.1	2.4
1964...	2.0	1.9	2.1	1.9	1.8	2.8	2.2	2.5	2.6	2.4	2.0	1.8	2.0	2.2	2.4	2.1	2.2
1965...	2.2	2.3	2.6	2.4	2.6	3.8	3.3	3.8	3.6	3.6	3.5	3.1	2.4	2.9	3.6	3.4	3.1
1966...	4.1	3.8	3.9	3.5	3.8	5.4	4.1	4.3	4.2	4.4	3.3	2.4	3.9	4.2	4.2	3.4	3.9
1967...	3.2	3.1	3.0	2.9	2.9	4.6	3.5	3.7	3.6	3.5	2.7	2.1	3.1	3.5	3.6	2.8	3.2
1968...	2.8	2.5	2.4	2.4	2.4	3.7	2.8	2.7	3.0	2.7	2.0	1.7	2.6	2.8	2.8	2.1	2.6
1969...	2.3	2.1	2.4	2.1	2.0	3.4	2.4	2.3	3.1	2.4	1.7	1.5	2.3	2.5	2.6	1.9	2.3
1970...	1.8	1.8	1.7	1.6	1.6	2.5	1.8	1.8	1.7	1.6	1.4	1.1	1.8	1.9	1.8	1.4	1.7
1971...	1.7	1.3	1.5	1.5	1.7	2.2	1.9	2.1	1.9	1.7	1.6	1.2	1.5	1.8	2.0	1.5	1.7
1972...	1.8	1.7	1.9	1.8	2.2	2.5	2.2	2.6	2.5	2.4	1.9	1.4	1.8	2.2	2.4	1.9	2.1
1973...	2.5	2.0	2.0	2.0	2.2	2.9	2.5	2.6	2.4	2.5	2.0	1.3	2.2	2.4	2.5	1.9	2.2
1974...	2.1	1.8	1.9	2.1	2.2	2.8	2.6	2.6	2.6	2.1	1.3	0.9	1.9	2.4	2.6	1.4	2.1
1975...																	
1976...																	
654. ACCESSION RATE, DEFENSE PRODUCTS INDUSTRIES, SEASONALLY ADJUSTED (PER 100 EMPLOYEES)																	
AVERAGE FOR PERIOD																	
1958...	1.9	2.4	2.6	2.7	2.7	2.7	2.7	2.6	2.8	2.5	2.6	2.7	2.3	2.7	2.7	2.6	2.6
1959...	2.9	2.9	2.9	2.9	2.8	3.2	3.1	2.7	2.5	2.2	2.5	2.6	2.9	3.0	2.8	2.4	2.6
1960...	2.5	2.7	2.4	2.4	2.4	2.5	2.5	3.0	2.8	2.8	2.8	2.7	2.5	2.4	2.8	2.8	2.8
1961...	2.6	2.6	2.5	2.6	2.8	2.6	2.5	2.8	2.8	3.1	3.4	3.2	2.6	2.7	2.7	3.2	3.2
1962...	3.4	3.3	3.3	3.2	3.2	3.2	3.3	2.8	2.8	2.7	2.6	2.6	3.3	3.2	3.0	2.6	2.6
1963...	2.8	2.3	2.4	2.5	2.4	2.3	2.5	2.2	2.4	2.3	2.2	2.3	2.5	2.4	2.4	2.3	2.3
1964...	2.1	2.1	2.2	2.2	2.1	2.0	2.0	2.2	2.2	2.1	2.3	2.4	2.1	2.1	2.1	2.3	2.3
1965...	2.4	2.5	2.7	2.7	2.9	3.0	3.1	3.5	3.2	3.3	3.8	3.7	2.5	2.9	3.3	3.6	3.6
1966...	4.3	4.1	4.1	3.8	4.1	4.4	3.9	3.9	3.8	4.1	3.6	3.1	4.2	4.1	3.9	3.6	3.6
1967...	3.4	3.4	3.2	3.2	3.2	3.6	3.3	3.3	3.2	3.2	3.0	2.8	3.3	3.3	3.3	3.0	3.0
1968...	2.9	2.8	2.6	2.7	2.6	2.7	2.6	2.4	2.6	2.5	2.3	2.4	2.8	2.7	2.5	2.4	2.4
1969...	2.4	2.4	2.6	2.3	2.2	2.4	2.2	2.0	2.8	2.2	2.0	2.2	2.5	2.3	2.3	2.1	2.1
1970...	1.9	2.1	1.9	1.8	1.7	1.6	1.6	1.5	1.4	1.5	1.7	1.8	2.0	1.7	1.5	1.7	1.7
1971...	1.8	1.6	1.7	1.7	1.8	1.4	1.7	1.7	1.6	1.6	1.9	1.9	1.7	1.6	1.7	1.8	1.8
1972...	1.9	2.0	2.1	2.0	2.2	1.7	2.0	2.2	2.2	2.3	2.1	2.1	2.0	2.0	2.1	2.2	2.2
1973...	2.5	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.3	2.3	2.1	2.3	2.2	2.2	2.2	2.2
1974...	2.2	2.1	2.1	2.2	2.2	2.1	2.3	2.2	2.2	1.9	1.6	1.7	2.1	2.2	2.2	1.7	1.7
1975...																	
1976...																	
654. ACCESSION RATE, DEFENSE PRODUCTS INDUSTRIES, 4-MONTH MOVING AVERAGE OF SEASONALLY ADJUSTED DATA (PER 100 EMPLOYEES)																	
1958...	...	...	2.4	2.6	2.7	2.7	2.7	2.7	2.7	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7
1959...	2.8	2.9	2.9	2.9	3.0	3.0	3.0	2.9	2.6	2.5	2.5	2.5	2.9	2.8	2.8	2.8	2.8
1960...	2.6	2.6	2.5	2.5	2.4	2.5	2.6	2.7	2.8	2.9	2.8	2.7	2.7	2.7	2.7	2.7	2.7
1961...	2.7	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.8	3.0	3.1	3.3	3.0	3.1	3.1	3.3	3.3
1962...	3.3	3.3	3.3	3.3	3.2	3.2	3.1	3.0	2.9	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
1963...	2.6	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.2	2.3	2.3	2.3	2.3	2.3
1964...	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.2	2.3	2.3	2.2	2.3	2.3	2.3	2.3
1965...	2.4	2.5	2.6	2.7	2.8	2.9	3.1	3.2	3.3	3.5	3.5	3.8	3.5	3.5	3.8	3.8	3.8
1966...	4.0	4.1	4.1	4.0	4.1	4.1	4.1	4.0	3.9	3.9	3.7	3.6	3.9	3.7	3.6	3.6	3.6
1967...	3.4	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.3	3.2	3.1	3.0	3.2	3.1	3.0	3.0	3.0
1968...	2.9	2.8	2.8	2.7	2.6	2.6	2.6	2.6	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
1969...	2.4	2.4	2.4	2.4	2.4	2.3	2.2	2.3	2.3	2.3	2.3	2.1	2.3	2.3	2.1	2.1	2.1
1970...	2.0	2.0	1.9	1.9	1.8	1.7	1.6	1.5	1.5	1.5	1.6	1.7	1.5	1.6	1.7	1.7	1.7
1971...	1.7	1.7	1.7	1.6	1.6	1.7	1.8	1.8	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
1972...	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.2	2.2	2.2	2.3	2.2	2.2	2.3	2.3	2.3
1973...	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
1974...	2.2	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.0	1.8	1.7	2.0	1.8	1.7	1.7	1.7
1975...																	
1976...																	
655. LAYOFF RATE, DEFENSE PRODUCTS INDUSTRIES, NOT SEASONALLY ADJUSTED (PER 100 EMPLOYEES)																	
AVERAGE FOR PERIOD																	
1958...	2.4	1.9	1.8	1.8	1.7	1.4	1.0	0.9	1.0	1.1	0.8	1.2	2.0	1.6	1.0	1.0	1.4
1959...	1.6	1.0	1.2	1.0	1.0	0.8	1.1	0.9	1.1	1.2	1.3	1.2	1.3	0.9	1.0	1.2	1.1
1960...	1.5	1.3	1.5	1.7	1.3	1.3	1.3	1.0	1.1	1.2	1.0	1.1	1.4	1.4	1.1	1.1	1.3
1961...	1.2	1.4	1.3	1.2	1.3	1.1	0.9	0.7	0.8	0.6	0.7	0.7	1.3	1.2	0.8	0.7	1.0
1962...	1.0	1.0	0.9	0.9	0.7	0.8	0.8	0.8	0.7	0.7	0.9	0.7	1.0	0.8	0.8	0.8	0.8
1963...	1.5	1.2	1.5	1.2	1.1	1.2	0.9	0.8	0.9	1.0	1.1	1.2	1.4	1.2	0.9	1.1	1.1
1964...	1.9	1.6	1.6	1.4	1.5	1.5	1.3	1.1	1.0	1.1	0.8	0.9	1.7	1.5	1.1	0.9	1.3
1965...	1.3	1.0	0.9	0.8	0.7	0.6	0.7	0.5	0.5	0.4	0.4	0.4	1.1	0.7	0.6	0.4	0.7
1966...	0.4	0.3	0.3	0.4	0.4	0.3	0.5	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.3	0.4
1967...	0.6	0.4	0.7	0.6	0.4	0.5	0.5	0.5	0.4	0.4	0.6	0.5	0.6	0.5	0.5	0.5	0.5
1968...	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.6	0.7	0.7	0.7	0.6	0.7	0.6	0.6	0.7	0.6
1969...	1.0	0.8	0.8	0.7	0.6	0.7	0.8	1.0	1.0	1.0	1.2	1.2	0.9	0.7	0.9	1.1	0.9
1970...	2.2	2.0	2.7	2.1	1.7	1.7	1.5	2.0	1.8	2.1	2.3	1.8	2.3	1.8	1.8	2.1	2.0
1971...	2.4	2.1	2.2	2.4	1.4	1.2	1.1	1.1	1.2	1.4	1.3	1.0	2.2	1.7	1.1	1.2	1.6
1972...	1.2	1.2	1.0	0.9	0.7	0.6	0.6	0.5	0.6	0.6	0.6	0.5	1.1	0.7	0.6	0.6	0.8
1973...	0.7	0.6	0.7	0.6	0.5	0.5	0.6	0.5	0.4	0.6	0.7	0.5	0.7	0.5	0.5	0.6	0.6
1974...	0.8	0.6	0.6	0.6	0.5	0.5	0.4	0.5	0.5	0.7	0.8	0.8	0.6	0.5	0.5	0.8	0.6
1975...																	
1976...																	

Note: Unless otherwise noted, these series contain revisions beginning with 1973.

(June 1976)

¹This series contains no revisions but is reprinted for the convenience of the user.

Appendix C. HISTORICAL DATA—Continued

Year	Monthly												Quarterly				Annual
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	I Q	II Q	III Q	IV Q	
655. LAYOFF RATE, DEFENSE PRODUCTS INDUSTRIES, SEASONALLY ADJUSTED (PER 100 EMPLOYEES)																	
AVERAGE FOR PERIOD																	
1958...	2.1	1.9	1.6	1.7	1.6	1.4	1.0	1.2	1.1	1.2	0.9	1.2	1.9	1.6	1.1	1.1	
1959...	1.3	0.9	1.0	0.9	1.0	0.8	1.1	1.2	1.2	1.3	1.4	1.2	1.1	0.9	1.2	1.3	
1960...	1.2	1.2	1.3	1.6	1.3	1.3	1.3	1.2	1.2	1.3	1.1	1.2	1.2	1.4	1.2	1.2	
1961...	0.9	1.3	1.1	1.1	1.3	1.1	0.9	0.9	1.0	0.7	0.8	0.8	1.1	1.2	0.9	0.8	
1962...	0.7	0.8	0.7	0.8	0.7	0.8	0.9	1.0	0.9	0.8	1.0	0.8	0.7	0.8	0.9	0.9	
1963...	1.2	1.0	1.4	1.1	1.1	1.2	1.0	1.0	1.1	1.1	1.2	1.3	1.2	1.1	1.0	1.2	
1964...	1.6	1.5	1.5	1.3	1.5	1.5	1.3	1.3	1.1	1.2	0.9	1.0	1.5	1.4	1.2	1.0	
1965...	1.0	0.9	0.8	0.7	0.7	0.6	0.7	0.6	0.6	0.5	0.5	0.5	0.9	0.7	0.6	0.5	
1966...	0.2	0.2	0.2	0.4	0.4	0.3	0.5	0.4	0.4	0.5	0.4	0.4	0.2	0.4	0.4	0.4	
1967...	0.4	0.3	0.6	0.6	0.4	0.6	0.5	0.6	0.5	0.5	0.7	0.6	0.4	0.5	0.5	0.6	
1968...	0.4	0.6	0.5	0.5	0.7	0.6	0.6	0.7	0.8	0.8	0.7	0.7	0.5	0.6	0.7	0.7	
1969...	0.7	0.6	0.6	0.6	0.7	0.9	0.9	1.1	1.1	1.0	1.2	1.3	0.6	0.7	1.0	1.2	
1970...	1.9	1.8	2.5	2.0	1.8	1.9	1.7	2.1	1.9	2.1	2.2	1.9	2.1	1.9	1.9	2.1	
1971...	2.1	1.9	2.0	2.3	1.6	1.4	1.3	1.2	1.3	1.4	1.2	1.1	2.0	1.8	1.3	1.2	
1972...	0.9	1.0	0.8	0.8	0.8	0.8	0.8	0.6	0.7	0.5	0.5	0.6	0.9	0.8	0.7	0.5	
1973...	0.5	0.4	0.5	0.5	0.6	0.6	0.8	0.6	0.5	0.6	0.6	0.6	0.5	0.6	0.6	0.6	
1974...	0.4	0.5	0.4	0.5	0.6	0.6	0.5	0.6	0.6	0.7	0.7	0.8	0.4	0.6	0.6	0.7	
1975...																	
1976...																	
655. LAYOFF RATE, DEFENSE PRODUCTS INDUSTRIES, 4-MONTH MOVING AVERAGE OF SEASONALLY ADJUSTED DATA (PER 100 EMPLOYEES)																	
1958...	...	...	1.8	1.7	1.6	1.4	1.3	1.2	1.1	1.1	1.1	1.2					
1959...	1.1	1.1	1.0	1.0	0.9	1.0	1.0	1.1	1.2	1.3	1.3	1.3					
1960...	1.3	1.2	1.3	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1					
1961...	1.1	1.1	1.1	1.2	1.2	1.1	1.1	1.0	0.9	0.9	0.8	0.8					
1962...	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0					
1963...	1.0	1.1	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.3					
1964...	1.4	1.5	1.5	1.5	1.5	1.4	1.4	1.3	1.2	1.1	1.1	1.0					
1965...	1.0	0.9	0.9	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.4					
1966...	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.4	0.4	0.4					
1967...	0.4	0.4	0.5	0.5	0.6	0.5	0.5	0.6	0.5	0.6	0.6	0.5					
1968...	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7					
1969...	0.7	0.6	0.6	0.6	0.7	0.8	0.9	1.0	1.0	1.1	1.1	1.1					
1970...	1.5	1.9	2.0	2.0	2.0	1.8	1.9	1.9	1.9	2.1	2.0	2.1					
1971...	2.0	2.0	2.1	1.9	1.8	1.6	1.4	1.3	1.3	1.3	1.3	1.1					
1972...	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5					
1973...	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5					
1974...	0.5	0.5	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.8					
1975...																	
1976...																	
670. EMPLOYMENT IN DEFENSE PRODUCTS INDUSTRIES, TOTAL, NOT SEASONALLY ADJUSTED (THOUSANDS)																	
1958...	1,227	1,216	1,214	1,209	1,196	1,208	1,212	1,223	1,237	1,242	1,257	1,261	1,219	1,204	1,224	1,253	1,225
1959...	1,258	1,260	1,259	1,256	1,253	1,257	1,267	1,270	1,277	1,270	1,270	1,268	1,259	1,255	1,271	1,269	1,264
1960...	1,259	1,253	1,248	1,234	1,220	1,188	1,201	1,222	1,227	1,223	1,242	1,246	1,253	1,214	1,217	1,237	1,230
1961...	1,243	1,245	1,248	1,243	1,243	1,244	1,246	1,249	1,265	1,278	1,293	1,305	1,245	1,243	1,253	1,292	1,258
1962...	1,312	1,321	1,329	1,325	1,328	1,336	1,348	1,362	1,371	1,374	1,382	1,384	1,321	1,330	1,360	1,380	1,348
1963...	1,379	1,370	1,357	1,345	1,336	1,333	1,327	1,325	1,330	1,332	1,326	1,329	1,369	1,338	1,327	1,329	1,341
1964...	1,316	1,297	1,287	1,273	1,257	1,248	1,238	1,230	1,238	1,235	1,238	1,237	1,300	1,259	1,235	1,237	1,258
1965...	1,235	1,226	1,232	1,234	1,240	1,245	1,262	1,272	1,290	1,301	1,323	1,342	1,231	1,240	1,275	1,322	1,267
1966...	1,365	1,385	1,406	1,426	1,445	1,471	1,497	1,520	1,539	1,557	1,584	1,587	1,385	1,447	1,519	1,576	1,482
1967...	1,594	1,616	1,630	1,639	1,638	1,654	1,666	1,670	1,688	1,702	1,719	1,725	1,613	1,643	1,675	1,715	1,662
1968...	1,726	1,726	1,720	1,706	1,701	1,712	1,715	1,718	1,712	1,694	1,710	1,710	1,724	1,706	1,715	1,705	1,712
1969...	1,698	1,675	1,689	1,678	1,670	1,652	1,657	1,636	1,631	1,617	1,588	1,572	1,687	1,667	1,641	1,592	1,647
1970...	1,552	1,524	1,503	1,465	1,431	1,416	1,397	1,367	1,357	1,324	1,306	1,288	1,526	1,437	1,374	1,306	1,411
1971...	1,267	1,240	1,212	1,184	1,171	1,163	1,147	1,141	1,144	1,135	1,130	1,121	1,240	1,173	1,144	1,129	1,171
1972...	1,116	1,117	1,116	1,118	1,119	1,123	1,124	1,126	1,137	1,144	1,157	1,161	1,116	1,120	1,129	1,154	1,130
1973...	1,160	1,160	1,156	1,156	1,155	1,163	1,164	1,167	1,175	1,178	1,183	1,185	1,159	1,158	1,169	1,182	1,167
1974...	1,181	1,176	1,175	1,174	1,170	1,175	1,176	1,140	1,185	1,196	1,196	1,184	1,177	1,173	1,167	1,192	1,177
1975...																	
1976...																	
670. EMPLOYMENT IN DEFENSE PRODUCTS INDUSTRIES, TOTAL, SEASONALLY ADJUSTED (THOUSANDS)																	
1958...	1,218	1,211	1,210	1,212	1,210	1,222	1,224	1,229	1,233	1,239	1,246	1,249	1,213	1,215	1,229	1,245	
1959...	1,249	1,254	1,255	1,259	1,267	1,271	1,280	1,277	1,274	1,266	1,259	1,256	1,253	1,266	1,277	1,260	
1960...	1,250	1,246	1,244	1,240	1,233	1,201	1,213	1,228	1,224	1,218	1,230	1,232	1,247	1,225	1,222	1,227	
1961...	1,235	1,240	1,244	1,248	1,255	1,257	1,259	1,255	1,262	1,274	1,283	1,292	1,240	1,253	1,259	1,283	
1962...	1,303	1,316	1,326	1,330	1,340	1,350	1,361	1,369	1,369	1,370	1,371	1,371	1,315	1,340	1,366	1,371	
1963...	1,369	1,366	1,354	1,350	1,347	1,345	1,337	1,332	1,328	1,328	1,317	1,318	1,363	1,347	1,332	1,321	
1964...	1,307	1,294	1,285	1,278	1,266	1,258	1,246	1,235	1,236	1,232	1,231	1,228	1,295	1,267	1,239	1,230	
1965...	1,228	1,224	1,230	1,237	1,247	1,254	1,267	1,276	1,289	1,300	1,315	1,331	1,227	1,246	1,277	1,315	
1966...	1,357	1,382	1,406	1,430	1,457	1,478	1,502	1,525	1,537	1,554	1,573	1,579	1,382	1,455	1,521	1,569	
1967...	1,588	1,614	1,630	1,645	1,650	1,662	1,668	1,675	1,686	1,699	1,709	1,718	1,611	1,652	1,676	1,709	
1968...	1,719	1,723	1,719	1,713	1,713	1,718	1,717	1,725	1,708	1,691	1,701	1,703	1,720	1,715	1,717	1,698	
1969...	1,691	1,672	1,688	1,686	1,682	1,658	1,659	1,643	1,627	1,613	1,580	1,565	1,684	1,675	1,643	1,586	
1970...	1,546	1,521	1,503	1,472	1,441	1,421	1,400	1,373	1,353	1,321	1,299	1,281	1,523	1,445	1,375	1,300	
1971...	1,237	1,237	1,236	1,239	1,237	1,236	1,239	1,237	1,234	1,232	1,223	1,214	1,236	1,179	1,146	1,123	
1972...	1,111	1,115	1,117	1,123	1,126	1,126	1,128	1,131	1,134	1,140	1,148	1,150	1,114	1,125	1,131	1,147	
1973...	1,155	1,159	1,159	1,162	1,164	1,167	1,171	1,174	1,171	1,171	1,171	1,173	1,158	1,164	1,172	1,172	
1974...	1,177	1,176	1,180	1,181	1,179	1,179	1,184	1,147	1,181	1,182	1,183	1,171	1,178	1,180	1,171	1,181	
1975...																	



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Federal purchases of goods and services for national defense	264	5	14	3/76	10/73
Gross national product	200	5	14	3/76	10/73
National defense purchases as percent of GNP	613	5	14	3/76	10/73
Gross obligations incurred—See Obligations incurred.					
Gross unpaid obligations outstanding—See Obligations outstanding.					
Inventories, manufacturers'					
Defense products	659	9	22	8/75	2/73
Defense products industries	658	9	...	1/72	2/73
Ratio to shipments, defense products	693	12	26	8/75	2/73
Ratio to shipments, defense products industries	692	12	...	11/72	2/73
Layoff rate, defense products industries	655	8	21	6/76	4/73
Military personnel, Defense Department	677	10	24	8/75	8/68
Military prime contract awards—See Contract awards.					
Net outlays, Defense Department—See Outlays.					
New orders, manufacturers'					
Defense products	648	7	20	8/75	2/73
Defense products industries	647	7	...	11/72	2/73
From Government, aerospace industries	650	8	20	5/75	2/73
Obligations incurred, gross					
Defense Department, operations	619	...	15	6/76	8/68
Defense Department, procurement	621	6	15	6/76	8/68
Defense Department, total	617	6	15	6/76	8/68
Defense Department for national defense	623	6	16	6/76	10/73
Obligations outstanding, gross unpaid					
Defense Department, operations	644	...	20	6/76	8/68
Defense Department, procurement	645	...	20	6/76	8/68
Defense Department, total	643	7	20	6/76	8/68
Operations, Defense Department					
Net outlays	681				
Obligations incurred	619				
Unpaid obligations outstanding	644				
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Outlays					
Budget outlays for national defense function	683	11	25	5/75	10/73
Defense Department, operations	681	...	24	5/75	8/68
Defense Department, procurement	682	11	25	5/75	8/68
Defense Department, total	680	11	24	5/75	8/68
Output of defense and space equipment	657	9	22	8/75	10/73
Overtime hours, defense products industries	653	8	21	6/76	4/73
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Personnel—See Civilian personnel and Military personnel.					
Procurement, Defense Department					
Net outlays	682				
Obligations incurred	621				
Unpaid obligations outstanding	645				
Progress payments outstanding, Defense Department	666	9	22	5/75	8/68
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Shipments, manufacturers'					
Defense products	688	12	26	8/75	2/73
Defense products industries	687	12	...	11/72	2/73
Ratio, inventories to shipments, defense products industries	693				
Ratio, inventories to shipments, defense products industries	692				
Ratio, unfilled orders to shipments, defense products industries	691				
Ratio, unfilled orders to shipments, defense products industries	690				
To Government, aerospace industries	689	12	26	5/75	2/73
Transfers under military agency sales contracts	546				
Unfilled orders, manufacturers'					
Defense products	661	9	22	8/75	2/73
Defense products industries	660	9	...	1/71	2/73
From Government, aerospace industries	664	9	22	5/75	2/73
Ratio to shipments, defense products industries	691	12	26	8/75	2/73
Ratio to shipments, defense products industries	690	12	...	11/72	2/73
Unpaid obligations outstanding—See Obligations outstanding.					



